

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of )  
Comcast Cable Communications, LLC, )  
on behalf of its subsidiaries and affiliates )  
For Determination of Effective Competition in: )  
8 California Franchise Areas )

CSR No. \_\_\_\_\_

To: Chief, Media Bureau

**PETITION FOR SPECIAL RELIEF**

Comcast Cable Communications, LLC, on behalf of its subsidiaries and affiliates (“Comcast”), pursuant to Sections 76.7 and 76.907 of the Commission’s rules,<sup>1</sup> requests that the Commission find that Comcast faces “effective competition” in 8 California franchise areas (the “Franchise Areas”).<sup>2</sup>

The Communications Act of 1934, as amended (the “Act”), and the Commission’s rules provide that cable television rates may be regulated only in the absence of effective competition.<sup>3</sup> Cable operators are entitled to demonstrate that effective competition exists on a franchise-by-franchise basis.<sup>4</sup> When a cable operator demonstrates that effective competition exists within a franchise area, cable rates in the affected area are no longer subject to regulation.<sup>5</sup>

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<sup>1</sup> 47 C.F.R. §§ 76.7 and 76.907.

<sup>2</sup> See Exhibit 1.

<sup>3</sup> 47 U.S.C. § 543(a)(2); 47 C.F.R. § 76.905(a).

<sup>4</sup> 47 C.F.R. § 76.907.

<sup>5</sup> See *Implementation of Sections of the Cable Television Consumer Protection and Competition Act of 1992, Rate Regulation*, 8 FCC Rcd. 5631, 5664-5665 (1993) (“Rate Order”).

Under the “competing provider” test set forth in Section 623(1)(B) of the Act and Section 76.905(b)(2) of the Commission’s rules (the “Competing Provider Test”), a cable system will be deemed subject to effective competition if:

- (i) the franchise area is served by at least two unaffiliated multichannel video programming distributors (“MVPDs”), each of which offers comparable programming to at least 50 percent of the households in the franchise area; and
- (ii) the number of households subscribing to multichannel video programming other than the largest MVPD exceeds 15 percent of the households in the franchise area.<sup>6</sup>

As demonstrated below, the Competing Provider Test is easily satisfied in each of the Franchise Areas – Cloverdale, Cotati, Healdsburg, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor - because two unaffiliated DBS providers serve over 50 percent of the Franchise Area’s households with programming comparable to Comcast, and the aggregate penetration rate reported for all “competing providers” far exceeds the 15 percent threshold in each of the Franchise Areas.<sup>7</sup>

## **I. THE COMPETING PROVIDER TEST IS SATISFIED IN EACH OF THE FRANCHISE AREAS**

The two prongs of the Competing Provider Test are straightforward and objective. Both prongs of this test are clearly satisfied in each of the Franchise Areas.

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<sup>6</sup> 47 U.S.C. § 543(1)(B)(i) and (ii); 47 C.F.R. § 76.905(b)(2)(i) and (ii).

<sup>7</sup> In the Cloverdale and Healdsburg Franchise Areas, Comcast is relying solely on DBS subscriber data. As explained below, in the Cotati, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor Franchise Areas, the competing penetration figure includes subscribers from local MVPD competitor AT&T, as well as from the two major DBS providers.

**A. Multiple Unaffiliated MVPDs Offer Programming Comparable to Comcast to Over 50 Percent of the Households in the Franchise Areas.**

The first prong of the Competing Provider Test requires that a franchise area must be served by “at least two unaffiliated multichannel video programming distributors...”<sup>8</sup> This requirement is easily satisfied, because the two major direct broadcast satellite providers (DirecTV, Inc. and Dish Network, Corp.) (“DBS Providers”) are both unaffiliated with Comcast and both “offer” programming that is comparable to Comcast to more than 50 percent of the households in Comcast’s Franchise Areas.

Service of an MVPD is deemed “offered” under the Competing Provider Test when it is both *technically* and *actually* available.<sup>9</sup> The Commission has determined that DBS service is presumed to be “technically available” throughout the country due to its nationwide satellite footprint.<sup>10</sup> Comcast’s Franchise Areas are well within the satellite footprint of DirecTV and Dish Network. Thus, both DirecTV and Dish Network are “technically available” in the Franchise Areas.

DBS service is presumed to be “actually available” if households in a franchise area are made “reasonably aware” that the service is available.<sup>11</sup> The Commission has stated that “a party may use evidence of penetration rates in the franchise area (the second prong of the competing provider test ...) coupled with the ubiquity of DBS services to show that consumers are

<sup>8</sup> 47 U.S.C. § 543(1)(B)(i); 47 C.F.R. § 76.905(b)(2)(i). Section 602 of the Communications Act of 1934, as amended, defines “multichannel video programming distributors” to include cable operators, as well as DBS and MMDS providers. *See* 47 U.S.C. § 522(13).

<sup>9</sup> *Rate Order* at ¶ 29.

<sup>10</sup> *See MediaOne of Georgia, Inc; Petition for Revocation of the Certification of Gwinnett County, Georgia*, 12 FCC Rcd. 19406, ¶ 5 n.16 (1997) (citing *Rate Order* at 5660-5661).

<sup>11</sup> *See Rate Order* at ¶ 32 (citations omitted). *See also Charter Communications, LLC d/b/a Charter Communications Petition for Determination of Effective Competition in Fourteen North Carolina Communities, et al.*, 19 FCC Rcd. 7003, ¶ 4 (2004).

reasonably aware of the availability of DBS service.”<sup>12</sup> The same reasoning applies here. DirecTV and Dish Network are among the largest MVPDs in the nation.<sup>13</sup> With approximately 33.7 million subscribers nationwide,<sup>14</sup> comprising approximately 33.7 percent of all MVPD subscribers,<sup>15</sup> ubiquitous advertising, and the substantial DBS penetration figures in the Franchise Areas, it is clear that consumers in the Franchise Areas are “reasonably” aware of the availability of DBS competitors.<sup>16</sup>

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<sup>12</sup> *Comcast Cable Communications, LLC Petition for Determination of Effective Competition in Various Michigan Communities*, 23 FCC Rcd. 9595, ¶ 5 (2008), citing *Mediacom Illinois LLC et al., Eleven Petitions for Determination of Effective Competition in Twenty-Two Local Franchise Areas in Illinois and Michigan*, 21 FCC Rcd. 1175 (2006) (“*Comcast – Various Michigan Communities*”). Thus, the Commission has not required the production of advertising to demonstrate that households in the franchise area are “reasonably aware” of the availability of DBS service. See *Bright House Networks, LLC Petition for Determination of Effective Competition (Lake Alfred and Dundee FL)*, 22 FCC Rcd. 4390, ¶ 6 (2007) (“Over more than ten years, we have made hundreds of findings that households in particular franchise areas are reasonably aware that they may purchase DBS services based on localized evidence. These accumulated showings amount to substantial evidence that households in all franchise areas are reasonably aware that they may purchase DBS services. In at least one earlier reported decision, we found households in a franchise area to be reasonably aware that they may purchase DBS service solely based on evidence of DBS’s nationwide growth and local subscriptions, without reference to advertising or other promotion.”) (“*Bright House Networks – Florida*”).

<sup>13</sup> See *Thirteenth Annual Assessment of the Status of Competition in the Market for the Delivery of Video Programming*, MB Docket No. 06-189, FCC 07-206, ¶ 76 (rel. Jan. 16, 2009).

<sup>14</sup> See Press Release, DirecTV, *DirecTV Announces Third Quarter 2011 Results* (Nov. 3, 2011) (reporting that, as of Sept. 30, 2011, DirecTV (US) had 19.76 million subscribers), available at <http://investor.directv.com/releasedetail.cfm?ReleaseID=620542>; Press Release, DISH Network, *DISH Network Reports Third Quarter 2011 Financial Results* (Nov. 7, 2011) (reporting that, as of Sept. 30, 2011, Dish Network had approximately 13.945 million subscribers), available at <http://dish.client.shareholder.com/releasedetail.cfm?ReleaseID=621211>.

<sup>15</sup> Press Release, *SNL Kagan’s U.S. Multichannel Subscribers 4th Quarter 2010 Results*, SNL Kagan, March 15, 2011, available at <http://www.snl.com/InTheMedia.aspx> (reporting approximately 100.1 million video subscribers in the U.S.).

<sup>16</sup> See, e.g., *Comcast – Various Michigan Communities* at ¶ 5; *Bright House Networks – Florida* at ¶ 6.

The Competing Provider Test also requires that the programming offered by the competing providers must be “comparable” to the programming offered by the cable operator.<sup>17</sup> The Commission’s rules define comparable programming as “at least 12 channels of video programming, including at least one channel of nonbroadcast service programming.”<sup>18</sup> The Commission has repeatedly recognized that the DBS Providers offer comparable programming to Comcast under the Commission’s Competing Provider Test.<sup>19</sup> Each of the DBS Providers offer well over 100 video channels, most of which are non-broadcast services.<sup>20</sup> And, as shown in the attached channel line-up, Comcast’s programming service offerings in the Franchise Areas are substantially similar to the DBS programming services.<sup>21</sup>

Based on the above facts, Comcast has satisfied the first prong of the Competing Provider Test.

**B. The Competing Providers Serve Greater Than 15 Percent of the Households In Comcast’s Franchise Areas.**

The second prong of the Competing Provider Test requires that the subscriber base of competing MVPDs (other than the largest MVPD) exceeds 15 percent of franchise area households. The Commission’s rules provide that once the first prong of the Competing Provider Test is satisfied (as it is with the DBS service offerings in this case) the subscribers of *all* qualifying MVPDs count toward the 15% penetration figure necessary for a determination of

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<sup>17</sup> See 47 U.S.C. § 543(1)(B)(i); 47 C.F.R. § 76.905(b)(2)(i).

<sup>18</sup> 47 C.F.R. § 76.905(g).

<sup>19</sup> See, e.g., *Comcast Cablevision of Maryland, Inc., Petitions for Determination of Effective Competition (Charles County, MD)*, 19 FCC Rcd. 7130, ¶4 (2004) (“We find that the programming of DBS providers satisfies the Commission’s program comparability criterion because DBS providers offer more than 12 channels of video programming, including more than one non-broadcast channel.”).

<sup>20</sup> See Channel Line-ups of DirecTV and Dish Network, attached hereto as Exhibit 2.

<sup>21</sup> See Comcast Channel Line-up, attached hereto as Exhibit 3.

effective competition (even if they are not available themselves to more than 50% of local households).<sup>22</sup> AT&T offers competing cable service in the communities Cotati, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor.<sup>23</sup> Accordingly, the Competing Provider subscriber tallies presented in this Petition for these Franchise Areas include subscribers from AT&T,<sup>24</sup> as well as from the two major DBS providers.<sup>25</sup> The resulting penetration figures easily exceed the 15% threshold in each of the Franchise Areas:

Cloverdale	33.06%
Cotati	26.60%
Healdsburg	22.02%
Petaluma	28.02%
Rohnert Park	29.19%
Santa Rosa	35.94%
Sebastopol	22.86%
Windsor	36.34%

Because DBS Providers track their subscribers according to the zip codes where each subscriber resides (rather than by political jurisdiction), Comcast relied on ZIP+4 codes associated with each of the Franchise Areas to determine the number of local DBS subscribers. The Commission has previously accepted the use of a ZIP+4 analysis as “reasonable and

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<sup>22</sup> See 47 C.F.R. § 76.905(f) (Emphasis added); see also *Time Warner Entertainment Co., L.P. et al. v. FCC*, 56 F.3d 151 (D.C. Cir. 1995) (holding that the subscribers of all MVPDs, other than the largest MVPD, may be aggregated to satisfy the 15 percent threshold).

<sup>23</sup> AT&T’s “comparable” channel lineup is set forth in Exhibit 4.

<sup>24</sup> Comcast obtained AT&T’s subscribership data for the Franchise Areas directly from AT&T, and such data was provided to Comcast on the condition that Comcast seek confidential treatment with respect to such information. Thus, Comcast submits AT&T’s subscriber figures for the Franchise Areas as **Confidential Exhibit 5** to this Petition (with a redacted version attached).

<sup>25</sup> In contrast to the Competing Provider tallies for Cotati, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor, which include AT&T subscribership numbers, the Competing Provider subscriber tallies in the Cloverdale and Healdsburg Franchise Areas rely solely upon data from DirecTV and Dish Network.

sufficiently reliable for purposes of determining the presence of effective competition,”<sup>26</sup> and has stated its preference for this approach.<sup>27</sup>

To determine the relevant ZIP+4 codes for the Franchise Areas, Comcast contacted Media Business Corp. (“MBC,” previously known as “SkyTrends”). MBC has developed a process to accurately identify the ZIP+4 codes that correspond with the political boundaries of a particular community. This process utilizes enhanced mapping software that correlates ZIP+4 codes with the U.S. Census Department’s “block group” level households. The “block group” measurement is the most precise Census tool available to measure households within a very small geographical area. With this software, MBC was able to identify the ZIP+4 codes that lie within each of the Franchise Areas.<sup>28</sup>

Comcast next provided all of the ZIP+4 codes for the Franchise Areas to the Satellite Broadcasting and Communication Association (“SBCA”). SBCA is the national trade association representing the two major DBS Providers, and it has assumed the responsibility for compiling subscribership data and responding to data requests from cable operators and franchising authorities engaged in effective competition proceedings. The DBS subscriber numbers reported in the attached Effective Competition Tracking Reports (“ECTR”) from SBCA

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<sup>26</sup> See *Cable One, Inc. Petition for Determination of Effective Competition in Pocatello, Idaho*, 18 FCC Rcd. 12792, ¶ 8 (2003), quoting *Falcon Cable Systems II, a California Limited Partnership, d/b/a Charter Communications Petition for Determination of Effective Competition in Twelve Oregon Cities*, 17 FCC Rcd. 4648 (2002).

<sup>27</sup> See Public Notice, “Commission Announces New Standards for Showings of Effective Competition For Cable Service,” 23 FCC Rcd. 12067 (2008).

<sup>28</sup> See Letter from MBC (explaining ZIP+4 methodology), attached hereto as Exhibit 6.

reflect the total DBS subscribers within the individual ZIP+4 codes associated with each of the Franchise Areas.<sup>29</sup>

The Competing Provider Test also requires that the petitioning cable operator be the largest MVPD in the franchise area. To meet this requirement, Comcast compared the subscribership figures reported by SBCA and AT&T with its own subscribership, and was able to confirm that its own subscribership exceeded DBS and exceeded AT&T subscribership in each of the Franchise Areas.

To determine whether the DBS (and, where appropriate, the combined DBS and AT&T) subscribership exceeds the statutorily mandated 15 percent threshold in the Franchise Areas, Comcast compared the Competing Providers' combined subscribership to the most recent U.S. Census occupied household unit figures for each community.<sup>30</sup> This comparison yields the aggregate penetration rates for Competing Providers in each of the Franchise Areas.

As detailed in **Confidential Exhibit 9**, the subscriber penetration rates for the Competing DBS Providers in the Cloverdale and Healdsburg Franchise Areas exceed the 15 percent threshold required under Section 623(1)(l)(B) of the Act. Likewise, the *aggregate* subscriber penetration rates for the DBS Providers and AT&T in the Cotati, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor Franchise Areas, easily exceed the 15 percent threshold.<sup>31</sup>

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<sup>29</sup> See **Confidential Exhibit 7**. This exhibit includes all of the relevant ZIP+4 data relied on in the Petition and the total ZIP+4-based DBS subscribership for each of the Franchise Areas. Comcast is providing a redacted version of this exhibit, which excludes the DBS subscribership numbers corresponding to the Cotati, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor Franchise Areas, in order to present the *aggregate* DBS and AT&T subscriber penetration figures and still maintain the confidential nature of the AT&T subscribership tallies for these communities.

<sup>30</sup> See Exhibit 8.

<sup>31</sup> See **Confidential Exhibit 9**. This exhibit includes the DBS subscribership and penetration figures in the Cloverdale and Healdsburg Franchise Areas, and the combined DBS and AT&T subscribership and penetration figures for the Cotati, Petaluma, Rohnert Park, Santa Rosa,

Accordingly, Comcast meets the second prong of the Competing Provider Test in each of the Franchise Areas.

Because Comcast meets both prongs of the Competing Provider Test in the Franchise Areas, it faces effective competition in each of the Franchise Areas.

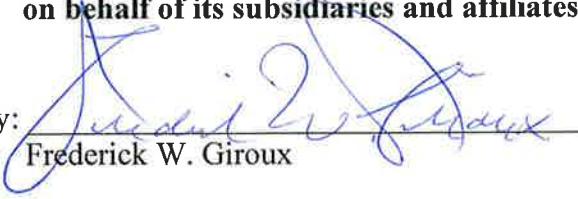
### **CONCLUSION**

Comcast has demonstrated herein that it is subject to effective competition in each of the eight Franchise Areas under the Competing Provider Test. Based on the evidence presented herein, Comcast respectfully requests that the Media Bureau issue an order acknowledging the presence of effective competition in each of the eight California Franchise Areas as of filing date of this Petition.

Respectfully submitted,

**Comcast Cable Communications, LLC  
on behalf of its subsidiaries and affiliates**

By:

  
Frederick W. Giroux

**Davis Wright Tremaine, LLP**  
1919 Pennsylvania Avenue, N.W., Suite 800  
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(202) 973-4200

April 13, 2012

Its Attorneys

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Sebastopol, and Windsor Franchise Areas. As noted above, at AT&T's request, Comcast is seeking confidential treatment with respect to the AT&T subscribership data for the Cotati, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor Franchise Areas. Accordingly, Comcast is providing a redacted version of this exhibit, which excludes the DBS and AT&T subscribership numbers associated with the Cotati, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor Franchise Areas, in order to present the *aggregate* DBS and AT&T subscriber penetration figures and still maintain the confidential nature of the AT&T subscribership figures for these communities.

**CERTIFICATION PURSUANT TO 47 C.F.R. § 76.6(a)(4)**

The below-signed signatory has read the foregoing Petition for Special Relief, and to the best of my knowledge, information and belief formed after reasonable inquiry, it is well grounded in fact and is warranted by existing law or a good faith argument for the extension, modification or reversal of existing law; and is not interposed for any improper purpose.

Respectfully submitted,

**Comcast Cable Communications, LLC  
on behalf of its subsidiaries and affiliates**

By:

Frederick W. Giroux



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April 13, 2012

**DECLARATION OF WARREN FITTING**

I, Warren Fitting, declare, under penalty of perjury that:

1. I am the Director of Rate Regulation for Comcast Cable Communications, LLC ("Comcast").
2. I have read the foregoing Petition for Special Relief ("Petition") and am familiar with the contents thereof and the matters referred to therein.
3. I have reviewed Comcast's respective cable subscriber numbers for the Franchise Areas at issue in this Petition, the DBS subscriber numbers provided by SBCA for the individual Franchise Areas, and the AT&T subscriber numbers as described in the Petition. Comcast is the largest multichannel video program provider in each of the Franchise Areas – Cloverdale, Cotati, Healdsburg, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, and Windsor.
4. The facts contained within the Petition are true and correct to the best of my knowledge, information and belief.

Date

April 3, 2012

Warren O. Fitting  
Warren Fitting

**REDACTED - FOR PUBLIC NOTICE**

**EXHIBIT 1**

**PSID# 001740**

CA0110	CLOVERDALE
CA0306	COTATI
CA0111	HEALDSBURG
CA0358	PETALUMA
CA0318	ROHNERT PARK
CA0255, CA1612	SANTA ROSA
CA0324	SEBASTOPOL
CA1513	WINDSOR

**REDACTED - FOR PUBLIC NOTICE**

**EXHIBIT 2**



## REDACTED - FOR PUBLIC NOTICE


**PREMIER** package  
285+ digital channels

Print channels for ZIP Code 17303 (No locals available)

PRINT B

## EN ESPAÑOL

ONCE México*	447	V-me*	440	mun2	410		
<b>NATIONALS</b>							
3net (HD)	[HD] 107	Disney Channel (West)	291	Hope*	368	RFD TV	345
A&E	[HD] 265	Disney XD	[HD] 292	INSP	364	ReelzChannel	238
ABC Family	[HD] 311	Documentary Channel	267	ION Television	305	SOAPnet	262
American Movie Classics (AMC)	[HD] 254	E! Entertainment	236	ION Television West	347	Science Channel	[HD] 284
Animal Planet	[HD] 282	ESPN	[HD] 206	Independent Film Channel (IFC)	559	ShopNBC	316
Audience Network	[HD] 239	ESPN 3D (HD)	[HD] 106	Investigation Discovery (ID)	285	Speed Channel	[HD] 607
BBC America	264	ESPN2	[HD] 209	Jewelry Television	313	Spike	[HD] 241
BYU TV	374	ESPNEWS	[HD] 207	Jewish Life Television*	366	Style	235
Big Ten Network	[HD] 610	EWTN	370	Lifetime	[HD] 252	Syfy Channel	[HD] 244
Biography Channel	[HD] 266	Enlace Christian Television*	448	Lifetime Movie Network	253	TBS	[HD] 247
Black Entertainment Television (BET)	[HD] 329	FUEL TV	[HD] 618	LinkTV	375	TCT Network	377
Bloomberg Television	353	FX	[HD] 248	Logo	272	TNT	[HD] 245
Boomerang	298	Food Network	[HD] 231	MHz WORLDVIEW*	2183	TV Guide Network	273
Bravo	[HD] 237	Fox Business Network	[HD] 359	MLB Network	[HD] 213	TV Land	304
CBS Sports Network	[HD] 613	Fox Movie Channel	258	MSNBC	[HD] 356	TV One	328
CCTV-9	2053	Fox News Channel	[HD] 360	MTV	[HD] 331	TeenNick	303
CMT	[HD] 327	Free Speech TV*	348	MTV2	333	Tennis Channel	[HD] 217
CNBC	[HD] 355	Fuse	339	Military Channel	287	The Hub	294
CNBC World	357	GEM NET (Global Expansion Media Network)*	2068	NASA TV	289	The Learning Channel	[HD] 280
CNN	[HD] 202	GOD TV	365	NBA TV	[HD] 216	The Sportsman Channel	605
CSPAN 1	350	GSN, the network for games	233	NFL Network	[HD] 212	The Word Network	373
CSPAN 2	351	Galavision	404	NHL Network	[HD] 215	Travel Channel	[HD] 277
Cartoon Network (East)	[HD] 296	GolTV HD English	[HD] 620	NRB	378	Trinity Broadcasting Network (TBN)	372
Cartoon Network (West)	297	Golden Eagle Broadcasting*	363	Nat Geo WILD	283	TruTV	246
Centric	330	Golf Channel	[HD] 218	National Geographic Channel	[HD] 276	Turner Classic Movies (TCM)	256
Chiller	257	Gospel Music Channel	338	Nick Jr.	301	USA Network	[HD] 242
Christian Television Network (CTN)	376	Great American Country	326	Nickelodeon (East)	[HD] 299	Univision	402
Church Channel	371	H2	271	Nickelodeon (West)	300	VH1	[HD] 335
Cloo	308	HD Theater	[HD] 281	Nicktoons Network	302	VH1 Classic	337
Comedy Central	[HD] 249	HDNet	[HD] 306	OWN	279	Versus	[HD] 603
Cooking Channel	232	HITN*	438	Ovation TV	274	WE: Women's Entertainment	260
Current TV	358	Hallmark Channel	[HD] 312	Oxygen	251	WGN America	[HD] 307
DIY Network	230	Headline News	204	PBS	0	Weather Channel	[HD] 362
Daystar	369	History Channel	[HD] 269	PBS Kids Sprout	295	World Harvest Television	367
Discovery Channel	[HD] 278	Home & Garden Television (HGTV)	[HD] 229	Planet Green	[HD] 286	n3D	[HD] 103
Discovery Fit & Health	261	Home Shopping Network	240	Pursuit Channel	608		
Disney Channel (East)	[HD] 290			QVC	275		

## PREMIUMS

5STARMAX HD East	[HD] 520	FLIX ON DEMAND®	1557	MoreMAX	[HD] 517	STARZ® ON DEMAND	1527
@MAX HD East	[HD] 523	FOX Deportes	624	Outdoor Channel	606	Showtime Beyond HD	[HD] 550
ActionMAX HD	[HD] 519	Flix	557	SHOWTIME	[HD] 545	Showtime Next HD	[HD] 551
Cinemax East	[HD] 515	Fox Soccer Channel	[HD] 619	SHOWTIME (West)	[HD] 546	Showtime Women HD	[HD] 552
Cinemax West	[HD] 516	GolTV	620	SHOWTIME 2	[HD] 547	Sundance Channel	558
ENCORE (East)	[HD] 535	HBO (East)	[HD] 501	SHOWTIME Extreme	[HD] 549	Sundance ON DEMAND	1558
ENCORE (West)	536	HBO (West)	[HD] 504	SHOWTIME ON DEMAND	1545	THE MOVIE CHANNEL™ ON DEMAND	1554
ENCORE Action	541	HBO 2 (East)	[HD] 502	SHOWTIME Showcase	[HD] 548	TMC Xtra HD East	[HD] 556
ENCORE Drama	540	HBO 2 (West)	505	STARZ (East)	[HD] 527	TVG - The Interactive Horseracing Network	602
ENCORE Family	542	HBO Comedy HD	[HD] 506	STARZ (West)	[HD] 528	The Movie Channel (East)	[HD] 554

REDACTED - FOR PUBLIC NOTICE

**PREMIUMS**

ENCORE Love	537	HBO Family (East)	HD 507	STARZ Cinema HD	HD 531	The Movie Channel (West)	555
ENCORE Suspense	539	HBO Family (West)	508	STARZ Comedy HD	HD 526	ThrillerMAX HD	HD 522
ENCORE Westerns	538	HBO Latino	HD 511	STARZ Edge	HD 529	WMAX HD East	HD 521
ENCORE® ON DEMAND	1535	HBO Signature	HD 503	STARZ InBlack	HD 530		
ESPN Classic Sports	614	HBO Zone HD	HD 509	STARZ Kids & Family HD	HD 525		

**REGIONAL SPORT NETWORKS**

Altitude Sports & Ent.	HD 681	FS Arizona	HD 686	FS South Plus (2)	HD 648	ROOT SPORTS Rocky Mountain	HD 683
Altitude Sports Alternate	HD 682	FS Cincinnati	HD 661	FS Southwest	HD 6/6	SportSouth	HD 649
CSN Bay Area	HD 696	FS Detroit	663	FS Southwest Plus	HD 677	SportSouth Plus	HD 650
CSN Bay Area Alternate	HD 697	FS Detroit Plus	HD 664	FS West	HD 692	SportsNet New York 639	HD 639
CSN California	HD 698	FS Florida	HD 654	MASN 640	HD 640	SportsTime Ohio 662	HD 662
CSN California alt 699	699	FS Florida Plus	HD 655	MSG Plus 635	HD 635	Sun Sports	HD 653
CSN Chicago Alt. #2	667	FS Midwest	HD 671	Madison Square Garden 634	HD 634	Sun Sports Plus	HD 656
CSN MidAtlantic Alt.	HD 643	FS North	HD 668	NESN 628	HD 628	Yankee Ent. & Sports (YES) 631	HD 631
CSN MidAtlantic 642	HD 642	FS Ohio	HD 660	Prime Ticket	HD 694		
CSN New England 630	HD 630	FS South	HD 646	ROOT SPORTS Northwest	HD 687		
Comcast SportsNet Chicago	665	FS South Plus	HD 647	ROOT SPORTS Pittsburgh	HD 659		

**SATELLITE RADIO**

SONICTAP: 60's Revolution	803	SONICTAP: College Rock	831	SONICTAP: Italian Bistro Blend	881	SONICTAP: Regional Mexican	873	
SONICTAP: 70's Hits	804	SONICTAP: Dance	859	SONICTAP: Italian Contemporary	882	SONICTAP: Retro Disco	845	
SONICTAP: 8-Tracks	840	SONICTAP: Familiar Favorites	880	SONICTAP: Jazz	852	SONICTAP: Rock en Espanol	878	
SONICTAP: 80's Hits	805	SONICTAP: Fiesta Tropical	870	SONICTAP: Latin Hits	871	SONICTAP: Salsa	874	
SONICTAP: 90's Hits	806	SONICTAP:	839	SONICTAP: Latin Jazz	879	SONICTAP: Showtunes	823	
SONICTAP: Adult Alternative	832	Flashback/New Wave	SONICTAP: Folk Rock	813	SONICTAP: Light Classical	866	SONICTAP: Silky Soul	843
SONICTAP: Adult Contemporary	821	SONICTAP: Full Metal Jacket	830	SONICTAP: Love Songs	819	SONICTAP: Silver Screen	822	
SONICTAP: Alternative	834	SONICTAP: Gospel Glory	827	SONICTAP: Malt Shop Oldies	802	SONICTAP: Singer-Songwriters	836	
SONICTAP: Bailamos!	869	SONICTAP: Great Standards	855	SONICTAP: Mariachi	876	SONICTAP: Smooth Jazz	851	
SONICTAP: Be-Tween	867	SONICTAP: Beautiful Instruments	820	SONICTAP: Metro Blend	853	SONICTAP: Soft Hits	849	
SONICTAP: Big Band/Swing	801	SONICTAP: Groove Lounge	824	SONICTAP: Modern Country	814	SONICTAP: Spike	841	
SONICTAP: Bluegrass	812	SONICTAP: Hair Guitar	829	SONICTAP: Modern Workout	860	SONICTAP: SubTerranean	858	
SONICTAP: Blues	854	SONICTAP: Hallelujah	828	SONICTAP: Musica De Las Americas	872	SONICTAP: Symphonic	864	
SONICTAP: Carnaval Brasileiro	877	SONICTAP: Hit Country	809	SONICTAP: New Age	856	SONICTAP: The Boombox	846	
SONICTAP: Classic Hits Blend	837	SONICTAP: Holidays & Happenings	815	SONICTAP: Old School Funk	844	SONICTAP: The Playground	868	
SONICTAP: Classic Jazz Vocal Blend	850	SONICTAP: Honky Tonk Tavern	811	SONICTAP: PUMP!	861	SONICTAP: The Spirit	826	
SONICTAP: Classic R&B	842	SONICTAP: Hot Jamz	825	SONICTAP: Piano	865	SONICTAP: Today's Hits	816	
SONICTAP: Classic Rock	833	SONICTAP: Hottest Hits	818	SONICTAP: Rat Pack	807	SONICTAP: Traditional Country	808	
SONICTAP: Classic Rock Workout	862	SONICTAP: Hurbanio	875	SONICTAP: Reality Bites	838	SONICTAP: Tranquility	884	
SONICTAP: Coffeehouse Rock	848	SONICTAP: Hype	847	SONICTAP: Red, Rock and Blues	810	SONICTAP: Y2k Hits	817	
		SONICTAP: Ink'd	835	SONICTAP: Reggae	863	SONICTAP: Zen	857	
		SONICTAP: Irish	883					

**LOCALS**

WGAL (NBC)	HD 8	WHTM (ABC)	HD 27	WLYH (CW)	15	WPMT (FOX)	HD 43
WHP (CBS)	HD 21	WITF (PBS)	HD 33				

\*The following channels require a special dish or equipment: MHz, GEM NET, Hope Channel, JLTV, Once, HITN, V-Me, Enlace, Golden Eagle Broadcasting, and Free Speech TV. Please call 1-800-531-5000 for more information.

# DISH Channels & Packages

## DISH Network

BEST	
BEST	Best
LQCH	Liquidation Channel
EARTH	DISH Earth
DNT01	DISH 101
HOME	DISH HOME

AVAILABILITY TO ALL CUSTOMERS

216	PREW	Free Preview/Block
224	Q101	Q101
287	ONPPV	Pay-Per-View Guide
301	DISH	DISH
100		

Featuring the best family-friendly programming!

ALIVE	America Live
ANGEL	Angel One
ANGL2	Angel Two
APL	Animal Planet
BIO	Bio
BITV	Bloomberg Television
BQOM	Boomerang SAP
BIV1	BIV1
CBSN	CBS Sports Network
GCTV	GCTV
CCMEW	CCMEW
COOK	Cooking Channel
CSPN2	C-SPAN2
DYSTR	Daystar
DIY	DIY
DOC	Documentary Channel
FOOD	Food Network
FNNWS	FOX News Channel
FSC	FOX Soccer Channel
GEMS	Gems and Jewelry
GAC	Great American Country (GAC)
HLMRK	Hallmark Channel
ATUD	Altitude Sports & Entertainment
GSTM0	Cox Sports Television New Orleans
CSNBA	Comcast SportsNet Bay Area
CSNCA	Comcast SportsNet California
GSNCH	Comcast SportsNet Chicago
CSNMA	Comcast SportsNet Mid-Atlantic
CSNNNE	Comcast SportsNet New England
ESPCL	ESPN Classic*
FSC	Fox Soccer Channel
FOX+	Fox Soccer Plus**
FOXAZ	Fox Sports Arizona
FOXCN	Fox Sports Cincinnati
FOXO	Fox Sports Detroit
FOXEL	Fox Sports Florida
FOXAW	Fox Sports Midwest
FOXN	Fox Sports North

AVAILABILITY TO ALL CUSTOMERS

102	PREW	Free Preview/Block
104	Q101	Q101
105	ONPPV	Pay-Per-View Guide
106	DISH	DISH
100		

219	HMC	Hallmark Movie Channel
220	HUB	Hub
221	HSN	HSN
222	HSP2	HSP2
223	HSP2	HSP2
224	HUB	HUB
225	HSN	HSN
226	HSP2	HSP2
227	JTV	Jewelry Television
228	HD	HD
229	HSP2	HSP2
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**REDACTED - FOR PUBLIC NOTICE**

**EXHIBIT 3**



## XFINITY TV Channel Lineup

MultiLatino ♦		International <sup>2</sup>		High-Definition		Digital FM Services		Music Choice*		Xfinity TV Channel Lineup	
69 Galavision	Vianollovies - East	Limited Basic	793 Hallmark HD	901 Hit List	901 Hit List	960 KOED Public	961 KRCG Public	961 KCST Jazz	962 KCSM Jazz	962 KCMO Spanish	963 KSIO Spanish
601 Discovery en Espanol	KTVU HD (FBC)	702 KNTV HD (NBC)	794 Hallmark Movie Channel HD	902 Hip-Hop and Rap	902 Hip-Hop and Rap	964 KCFA MixTape	965 KCFA Dance/Electronic	964 KCFA Dance/Electronic	965 KCFA Dance/Electronic	965 KCFA Dance/Electronic	965 KCFA Dance/Electronic
602 FOX Deportes	KRON HD (AMV)	703 KPIX HD (CBS)	795 Lifetime HD	903 MC MixTape	903 MC MixTape	966 KCFA Latin	967 KCFA Smooth	966 KCFA Smooth	967 KCFA Smooth	967 KCFA Smooth	968 KCFA Variety/Berkeley
603 Canva 2MX	KPKE HD (CBS)	704 KQED HD (ABC)	796 LMV HD	904 Dance/Electronic	904 Dance/Electronic	968 KCFA Adult Contemporary	969 KCFA Variety/Berkeley	968 KCFA Variety/Berkeley	969 KCFA Variety/Berkeley	969 KCFA Variety/Berkeley	970 KCFA Country
604 Cinelatino	KTCA HD (CBS)	705 KQED HD (ABC)	797 AMC HD	905 Rap Classics	905 Rap Classics	971 KCFA Sports Radio 95.7	972 KCFA Sports Radio 95.7	971 KCFA Sports Radio 95.7	972 KCFA Sports Radio 95.7	972 KCFA Sports Radio 95.7	973 KLLC Hot AC
605 PFC (Brazilian)	KTFB HD (CBS)	706 KQED HD (ABC)	798 Investigation Discovery HD	906 Hip-Hop Classics	906 Hip-Hop Classics	973 KLLC Hot AC	974 KSOX Urban Contemporary	973 KLLC Hot AC	974 KSOX Urban Contemporary	974 KSOX Urban Contemporary	975 KUFLX Classic Rock
307 Band International (Brazilian)	KTFN HD (CBS)	707 KQED HD (ABC)	799 H2 HD America HD	907 Throwback Jamz	907 Throwback Jamz	976 KSOX Spanish	977 KSOX Spanish	976 KSOX Spanish	977 KSOX Spanish	977 KSOX Spanish	978 KSOX Spanish
606 History en Espanol	KTFN HD (CBS)	708 KQED HD (ABC)	800 HSN HD	908 Rap Classics	908 Rap Classics	978 KSOX Spanish	979 KSOX Spanish	978 KSOX Spanish	979 KSOX Spanish	979 KSOX Spanish	980 KSOX Spanish
606 T3s	KTFN HD (CBS)	709 KQED HD (ABC)	801 HGTV HD	909 Rap Soul	909 Rap Soul	979 KSOX Spanish	980 KSOX Spanish	979 KSOX Spanish	980 KSOX Spanish	979 KSOX Spanish	981 KSOX Spanish
607 min2	KTFN HD (CBS)	710 KQED HD (ABC)	802 Galavision HD	910 Gospel	910 Gospel	980 KSOX Spanish	981 KSOX Spanish	980 KSOX Spanish	981 KSOX Spanish	980 KSOX Spanish	982 KSOX Spanish
608 CNN en Espanol	KTFN HD (CBS)	711 KQED HD (ABC)	803 KTFN HD (CBS)	911 Reggae	911 Reggae	981 KSOX Spanish	982 KSOX Spanish	981 KSOX Spanish	982 KSOX Spanish	981 KSOX Spanish	983 KSOX Spanish
609 Disney XD	KTFN HD (CBS)	712 KQED HD (ABC)	804 Investigation Discovery HD	912 Classic Rock	912 Classic Rock	982 KSOX Spanish	983 KSOX Spanish	982 KSOX Spanish	983 KSOX Spanish	982 KSOX Spanish	984 KSOX Spanish
610 Che Manzano	KTFN HD (CBS)	713 KQED HD (ABC)	805 KTFN HD (CBS)	913 Retro Rock	913 Retro Rock	983 KSOX Spanish	984 KSOX Spanish	983 KSOX Spanish	984 KSOX Spanish	983 KSOX Spanish	985 KSOX Spanish
611 Video Rota	KTFN HD (CBS)	714 KQED HD (ABC)	806 KTFN HD (CBS)	914 Rock	914 Rock	984 KSOX Spanish	985 KSOX Spanish	984 KSOX Spanish	985 KSOX Spanish	984 KSOX Spanish	986 KSOX Spanish
612 CB 21 Michoacan	KTFN HD (CBS)	715 KQED HD (ABC)	807 KTFN HD (CBS)	915 Metal	915 Metal	985 KSOX Spanish	986 KSOX Spanish	985 KSOX Spanish	986 KSOX Spanish	985 KSOX Spanish	987 KSOX Spanish
613 Mexico 22	KTFN HD (CBS)	716 KQED HD (ABC)	808 KTFN HD (CBS)	916 Alternative	916 Alternative	986 KSOX Spanish	987 KSOX Spanish	986 KSOX Spanish	987 KSOX Spanish	986 KSOX Spanish	988 KSOX Spanish
614 Once TV	KTFN HD (CBS)	717 KQED HD (ABC)	809 KTFN HD (CBS)	917 Classic Alternative	917 Classic Alternative	987 KSOX Spanish	988 KSOX Spanish	987 KSOX Spanish	988 KSOX Spanish	987 KSOX Spanish	989 KSOX Spanish
615 SUR	KTFN HD (CBS)	718 KQED HD (ABC)	810 KTFN HD (CBS)	918 Adult Alternative	918 Adult Alternative	988 KSOX Spanish	989 KSOX Spanish	988 KSOX Spanish	989 KSOX Spanish	988 KSOX Spanish	989 KSOX Spanish
616 Infinito	KTFN HD (CBS)	719 KQED HD (ABC)	811 KTFN HD (CBS)	919 Soft Rock	919 Soft Rock	989 KSOX Spanish	990 KSOX Spanish	989 KSOX Spanish	990 KSOX Spanish	989 KSOX Spanish	991 KSOX Spanish
617 Telecomilna	KTFN HD (CBS)	720 KQED HD (ABC)	812 KTFN HD (CBS)	920 Pop Hits	920 Pop Hits	990 KSOX Spanish	991 KSOX Spanish	990 KSOX Spanish	991 KSOX Spanish	990 KSOX Spanish	992 KSOX Spanish
618 GOL TV	KTFN HD (CBS)	721 KQED HD (ABC)	813 KTFN HD (CBS)	921 90's	921 90's	991 KSOX Spanish	992 KSOX Spanish	991 KSOX Spanish	992 KSOX Spanish	991 KSOX Spanish	993 KSOX Spanish
619 Neo TV	KTFN HD (CBS)	722 KQED HD (ABC)	814 KTFN HD (CBS)	922 80's	922 80's	992 KSOX Spanish	993 KSOX Spanish	992 KSOX Spanish	993 KSOX Spanish	992 KSOX Spanish	994 KSOX Spanish
620 KEMO Zapoteca	KTFN HD (CBS)	723 KQED HD (ABC)	815 KTFN HD (CBS)	923 Party Favorites	923 Party Favorites	993 KSOX Spanish	994 KSOX Spanish	993 KSOX Spanish	994 KSOX Spanish	993 KSOX Spanish	995 KSOX Spanish
621 KEDO Vizca	KTFN HD (CBS)	724 KQED HD (ABC)	816 KTFN HD (CBS)	924 Gold Oldies	924 Gold Oldies	994 KSOX Spanish	995 KSOX Spanish	994 KSOX Spanish	995 KSOX Spanish	994 KSOX Spanish	996 KSOX Spanish
622 KIVI LATV	KTFN HD (CBS)	725 KQED HD (ABC)	817 KTFN HD (CBS)	925 OutDoor Channel HD	925 OutDoor Channel HD	995 KSOX Spanish	996 KSOX Spanish	995 KSOX Spanish	996 KSOX Spanish	995 KSOX Spanish	997 KSOX Spanish
625 Discovery Family	KTFN HD (CBS)	726 KQED HD (ABC)	818 KTFN HD (CBS)	926 Stage & Screen	926 Stage & Screen	996 KSOX Spanish	997 KSOX Spanish	996 KSOX Spanish	997 KSOX Spanish	996 KSOX Spanish	998 KSOX Spanish
626 EducaSia	KTFN HD (CBS)	727 KQED HD (ABC)	819 KTFN HD (CBS)	927 Kidz Only!	927 Kidz Only!	997 KSOX Spanish	998 KSOX Spanish	997 KSOX Spanish	998 KSOX Spanish	997 KSOX Spanish	999 KSOX Spanish
628 TVE	KTFN HD (CBS)	728 KQED HD (ABC)	820 KTFN HD (CBS)	928 Toddler Times	928 Toddler Times	998 KSOX Spanish	999 KSOX Spanish	998 KSOX Spanish	999 KSOX Spanish	998 KSOX Spanish	1000 KSOX Spanish
630 WAPA America	KTFN HD (CBS)	729 KQED HD (ABC)	821 KTFN HD (CBS)	929 WE: Women's Entertainment HD	929 WE: Women's Entertainment HD	999 KSOX Spanish	1000 KSOX Spanish	999 KSOX Spanish	1000 KSOX Spanish	999 KSOX Spanish	1001 KSOX Spanish
631 Mextel	KTFN HD (CBS)	730 KQED HD (ABC)	822 KTFN HD (CBS)	930 MGW HD	930 MGW HD	1000 KSOX Spanish	1001 KSOX Spanish	1000 KSOX Spanish	1001 KSOX Spanish	1000 KSOX Spanish	1002 KSOX Spanish
632 Multimedios	KTFN HD (CBS)	731 KQED HD (ABC)	823 KTFN HD (CBS)	931 Encore HD	931 Encore HD	1001 KSOX Spanish	1002 KSOX Spanish	1001 KSOX Spanish	1002 KSOX Spanish	1001 KSOX Spanish	1003 KSOX Spanish
633 Caracol TV	KTFN HD (CBS)	732 KQED HD (ABC)	824 KTFN HD (CBS)	932 The Hub HD	932 The Hub HD	1002 KSOX Spanish	1003 KSOX Spanish	1002 KSOX Spanish	1003 KSOX Spanish	1002 KSOX Spanish	1004 KSOX Spanish
634 TV Colombia	KTFN HD (CBS)	733 KQED HD (ABC)	825 KTFN HD (CBS)	933 Food Network HD	933 Food Network HD	1003 KSOX Spanish	1004 KSOX Spanish	1003 KSOX Spanish	1004 KSOX Spanish	1003 KSOX Spanish	1005 KSOX Spanish
635 NTV	KTFN HD (CBS)	734 KQED HD (ABC)	826 KTFN HD (CBS)	934 Universal HD	934 Universal HD	1004 KSOX Spanish	1005 KSOX Spanish	1004 KSOX Spanish	1005 KSOX Spanish	1004 KSOX Spanish	1006 KSOX Spanish
637 TV Chile	KTFN HD (CBS)	735 KQED HD (ABC)	827 KTFN HD (CBS)	935 IFC West HD	935 IFC West HD	1005 KSOX Spanish	1006 KSOX Spanish	1005 KSOX Spanish	1006 KSOX Spanish	1005 KSOX Spanish	1007 KSOX Spanish
640 Vianollovies - West	KTFN HD (CBS)	736 KQED HD (ABC)	828 KTFN HD (CBS)	936 Spike HD	936 Spike HD	1006 KSOX Spanish	1007 KSOX Spanish	1006 KSOX Spanish	1007 KSOX Spanish	1006 KSOX Spanish	1008 KSOX Spanish
644 Peru	KTFN HD (CBS)	737 KQED HD (ABC)	829 KTFN HD (CBS)	937 ASI HD	937 ASI HD	1007 KSOX Spanish	1008 KSOX Spanish	1007 KSOX Spanish	1008 KSOX Spanish	1007 KSOX Spanish	1009 KSOX Spanish
645 Late Novela	KTFN HD (CBS)	738 KQED HD (ABC)	830 KTFN HD (CBS)	938 Comedy Central HD	938 Comedy Central HD	1008 KSOX Spanish	1009 KSOX Spanish	1008 KSOX Spanish	1009 KSOX Spanish	1008 KSOX Spanish	1010 KSOX Spanish
646 Utisima	KTFN HD (CBS)	739 KQED HD (ABC)	831 KTFN HD (CBS)	939 HGTV HD	939 HGTV HD	1009 KSOX Spanish	1010 KSOX Spanish	1009 KSOX Spanish	1010 KSOX Spanish	1009 KSOX Spanish	1011 KSOX Spanish
647 Telefe	KTFN HD (CBS)	740 KQED HD (ABC)	832 KTFN HD (CBS)	940 Food Network HD	940 Food Network HD	1010 KSOX Spanish	1011 KSOX Spanish	1010 KSOX Spanish	1011 KSOX Spanish	1010 KSOX Spanish	1012 KSOX Spanish
648 TV Dominicana	KTFN HD (CBS)	741 KQED HD (ABC)	833 KTFN HD (CBS)	941 Travel HD	941 Travel HD	1011 KSOX Spanish	1012 KSOX Spanish	1011 KSOX Spanish	1012 KSOX Spanish	1011 KSOX Spanish	1013 KSOX Spanish
649 TV Venezuela	KTFN HD (CBS)	742 KQED HD (ABC)	834 KTFN HD (CBS)	942 History Channel HD	942 History Channel HD	1012 KSOX Spanish	1013 KSOX Spanish	1012 KSOX Spanish	1013 KSOX Spanish	1012 KSOX Spanish	1014 KSOX Spanish
650 TV Musica	KTFN HD (CBS)	743 KQED HD (ABC)	835 KTFN HD (CBS)	943 Oxygen HD	943 Oxygen HD	1013 KSOX Spanish	1014 KSOX Spanish	1013 KSOX Spanish	1014 KSOX Spanish	1013 KSOX Spanish	1015 KSOX Spanish
652 Telehit	KTFN HD (CBS)	744 KQED HD (ABC)	836 KTFN HD (CBS)	944 Animal Planet HD	944 Animal Planet HD	1014 KSOX Spanish	1015 KSOX Spanish	1014 KSOX Spanish	1015 KSOX Spanish	1014 KSOX Spanish	1016 KSOX Spanish
653 Rimmon Latino	KTFN HD (CBS)	745 KQED HD (ABC)	837 KTFN HD (CBS)	945 CNBC HD	945 CNBC HD	1015 KSOX Spanish	1016 KSOX Spanish	1015 KSOX Spanish	1016 KSOX Spanish	1015 KSOX Spanish	1017 KSOX Spanish
654 Bandamax	KTFN HD (CBS)	746 KQED HD (ABC)	838 KTFN HD (CBS)	946 Cartoon Network HD	946 Cartoon Network HD	1016 KSOX Spanish	1017 KSOX Spanish	1016 KSOX Spanish	1017 KSOX Spanish	1016 KSOX Spanish	1018 KSOX Spanish
655 TBN Enlace	KTFN HD (CBS)	747 KQED HD (ABC)	839 KTFN HD (CBS)	947 Nickelodeon HD	947 Nickelodeon HD	1017 KSOX Spanish	1018 KSOX Spanish	1017 KSOX Spanish	1018 KSOX Spanish	1017 KSOX Spanish	1019 KSOX Spanish
656 ENTV Hispania	KTFN HD (CBS)	748 KQED HD (ABC)	840 KTFN HD (CBS)	948 ABC Family HD	948 ABC Family HD	1018 KSOX Spanish	1019 KSOX Spanish	1018 KSOX Spanish	1019 KSOX Spanish	1018 KSOX Spanish	1020 KSOX Spanish
657 La Familia Casomvision	KTFN HD (CBS)	749 KQED HD (ABC)	841 KTFN HD (CBS)	949 Disney Channel HD	949 Disney Channel HD	1019 KSOX Spanish	1020 KSOX Spanish	1019 KSOX Spanish	1020 KSOX Spanish	1019 KSOX Spanish	1021 KSOX Spanish
658 De Pelicula Clasico	KTFN HD (CBS)	750 KQED HD (ABC)	842 KTFN HD (CBS)	950 Nickelodeon HD	950 Nickelodeon HD	1020 KSOX Spanish	1021 KSOX Spanish	1020 KSOX Spanish	1021 KSOX Spanish	1020 KSOX Spanish	1022 KSOX Spanish
659 De Pelicula Clasico	KTFN HD (CBS)	751 KQED HD (ABC)	843 KTFN HD (CBS)	951 Starz HD	951 Starz HD	1021 KSOX Spanish	1022 KSOX Spanish	1021 KSOX Spanish	1022 KSOX Spanish	1021 KSOX Spanish	1023 KSOX Spanish
660 De Pelicula Clasico	KTFN HD (CBS)	752 KQED HD (ABC)	844 KTFN HD (CBS)	952 Showtime HD	952 Showtime HD	1022 KSOX Spanish	1023 KSOX Spanish	1022 KSOX Spanish	1023 KSOX Spanish	1022 KSOX Spanish	1024 KSOX Spanish
661 De Pelicula Clasico	KTFN HD (CBS)	753 KQED HD (ABC)	845 KTFN HD (CBS)	953 Cinemax HD	953 Cinemax HD	1023 KSOX Spanish	1024 KSOX Spanish	1023 KSOX Spanish	1024 KSOX Spanish	1023 KSOX Spanish	1025 KSOX Spanish
662 De Pelicula Clasico	KTFN HD (CBS)	754 KQED HD (ABC)	846 KTFN HD (CBS)	954 TMC HD	954 TMC HD	1024 KSOX Spanish	1025 KSOX Spanish	1024 KSOX Spanish	1025 KSOX Spanish	1024 KSOX Spanish	1026 KSOX Spanish
663 De Pelicula Clasico	KTFN HD (CBS)	755 KQED HD (ABC)	847 KTFN HD (CBS)	955 Headline News HD	955 Headline News HD	1025 KSOX Spanish	1026 KSOX Spanish	1025 KSOX Spanish	1026 KSOX Spanish	1025 KSOX Spanish	1027 KSOX Spanish
664 De Pelicula Clasico	KTFN HD (CBS)	756 KQED HD (ABC)	848 KTFN HD (CBS)	956 BET HD	956 BET HD	1026 KSOX Spanish	1027 KSOX Spanish	1026 KSOX Spanish	1027 KSOX Spanish	1026 KSOX Spanish	1028 KSOX Spanish
665 De Pelicula Clasico	KTFN HD (CBS)	757 KQED HD (ABC)	849 KTFN HD (CBS)	957 CMT HD	957 CMT HD	1027 KSOX Spanish	1028 KSOX Spanish	1027 KSOX Spanish	1028 KSOX Spanish	1027 KSOX Spanish	1029 KSOX Spanish
666 De Pelicula Clasico	KTFN HD (CBS)	758 KQED HD (ABC)	850 KTFN HD (CBS)	958 CMX HD	958 CMX HD	1028 KSOX Spanish	1029 KSOX Spanish	1028 KSOX Spanish	1029 KSOX Spanish	1028 KSOX Spanish	1030 KSOX Spanish
667 De Pelicula Clasico	KTFN HD (CBS)	759 KQED HD (ABC)	851 KTFN HD (CBS)	959 VH1 HD	959 VH1 HD	1029 KSOX Spanish	1030 KSOX Spanish	1029 KSOX Spanish	1030 KSOX Spanish	1029 KSOX Spanish	1031 KSOX Spanish
668 De Pelicula Clasico	KTFN HD (CBS)	760 KQED HD (ABC)	852 KTFN HD (CBS)	960 MTV HD	960 MTV HD	1030 KSOX Spanish	1031 KSOX Spanish	1030 KSOX Spanish	1031 KSOX Spanish	1030 KSOX Spanish	1032 KSOX Spanish
669 De Pelicula Clasico	KTFN HD (CBS)	761 KQED HD (ABC)	853 KTFN HD (CBS)	961 Pabst HD	961 Pabst HD	1031 KSOX Spanish	1032 KSOX Spanish	1031 KSOX Spanish	1032 KSOX Spanish	1031 KSOX Spanish	1033 KSOX Spanish
670 De Pelicula Clasico	KTFN HD (CBS)	762 KQED HD (ABC)	854 KTFN HD (CBS)	962 Nickelodeon HD	962 Nickelodeon HD	1032 KSOX Spanish	1033 KSOX Spanish	1032 KSOX Spanish	1033 KSOX Spanish	1032 KSOX Spanish	1034 KSOX Spanish
671 HTN	KTFN HD (CBS)	763 KQED HD (ABC)	855 KTFN HD (CBS)	963 HBO Latino HD	963 HBO Latino HD	1033 KSOX Spanish	1034 KSOX Spanish	1033 KSOX Spanish	1034 KSOX Spanish	1033 KSOX Spanish	1035 KSOX Spanish
672 De Pelicula Clasico	KTFN HD (CBS)	764 KQED HD (ABC)	856 KTFN HD (CBS)	964 HBO Latino HD	964 HBO Latino HD	1034 KSOX Spanish	1035 KSOX Spanish	1034 KSOX Spanish	1035 KSOX Spanish	1034 KSOX Spanish	1036 KSOX Spanish
673 De Pelicula Clasico	KTFN HD (CBS)	765 KQED HD (ABC)	857 KTFN HD (CBS)	965 Instinct HD	965 Instinct HD	1035 KSOX Spanish	1036 KSOX Spanish	1035 KSOX Spanish	1036 KSOX Spanish	1035 KSOX Spanish	1037 KSOX Spanish

The Starter Package is required to view these channels  
 The Preferred Package is required to view these channels  
 The Sports & Entertainment Package is required to view these channels  
 You must subscribe to the individual premium service and a Digital Converter or a Digital Package that includes the premium service in order to receive the multiplex version of the same channel

<sup>2</sup> The Starter Package is required to view these channels  
<sup>3</sup> The Preferred Package is required to view these channels  
<sup>4</sup> The Sports & Entertainment Package is required to view these channels  
<sup>5</sup> You must subscribe to the individual premium service and a Digital Converter or a Digital Package that includes the premium service in order to receive the multiplex version of the same channel

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Limited Basic <sup>**</sup>		On Demand		Preferred		Starter		Preferred		Premier		Sports Entertainment <sup>♦</sup>	
2 KTVU-2 (FOX)	KNTV-11 (NBC)	110 C-SPAN 3	107 Current TV	477 Nunu TV	534 Starz	561 Cinemax - West	277 Crime & Investigation Network	534 Starz Edge	536 Starz in Black	534 Starz	536 Starz	561 CinemaX - West	562 CinemaX - East
3 KION-4 (ABC)	KION-4 (TV)	119 Sprout <sup>*</sup>	120 Nick Jr.	482 Gospel Music Channel	536 Starz	562 CinemaX - East	402 ESPN Soccer Channel	537 Starz in Black	537 Starz	537 Starz	537 Starz	562 CinemaX - East	565 MoreMax
4 KPK-5 (CBS)	KPK-5 (WB)	128 Bloomberg	136 64	483 TV One	538 Starz Cinema	563 ActionMax	403 BIG TEN	538 Starz Kids & Family	566 ActionMax	566 ActionMax	566 ActionMax	567 Starz Kids & Family	567 Starz Kids & Family
5 KICB-36 (IND)	KICB-36 (IND)	149 MeTVplex	125 Nick Toons	484 GAC	539 Starz Family	567 Starz Family	407 ESPN Classics	540 Speed Channel	576 Showtime Too	576 Showtime Too	576 Showtime Too	576 Showtime Too	576 Showtime Too
6 KGB-2 (ABC)	KGB-2 (IND)	162 BBC America	130 Fox Business Network	485 TCM	540 Star Comedy	577 Showtime Too	408 TVN-Horseracing Network	550 HBO - East	578 Showcase	578 Showcase	578 Showcase	578 Showcase	578 Showcase
7 KQED-9 (PBS)	KQED-9 (PBS)	164 E! Entertainment	134 MTV Jams	501 WE: Women's Entertainment	541 HBO - West	579 Showtime Extreme	409 TVN-Horseracing Network	551 HBO2	580 Showtime Extreme	580 Showtime Extreme	580 Showtime Extreme	581 Showtime Extreme	581 Showtime Extreme
8 KQED-TV	KQED-TV	166 EAHome (WOD)	135 MTV 2	502 WE: Women's Entertainment	552 HBO2	582 Showtime Next	410 TVN-Horseracing Network	553 HBO Signature	583 Showtime Next	583 Showtime Next	583 Showtime Next	584 Fox College Sports Central	584 Fox College Sports Central
11 KSN	KSN	168 Liquidation Channel	146 Logo	503 Sundance Channel	554 HBO Signature	584 Showtime Family	411 MLB Network	513 IndiePlex	585 Showtime Family	585 Showtime Family	585 Showtime Family	586 Fox Movie Channel	586 Fox Movie Channel
12 KBCW-44 (CW)	KBCW-44 (CW)	183 Style	150 ReelChannel	514 RetroPlex	557 HBO Family	586 Showtime Women	412 NFL Network	515 RetroPlex	587 HBO Family	587 HBO Family	587 HBO Family	588 HBO Latino	588 HBO Latino
13 KOFY-20 (IND)	KOFY-20 (IND)	199 EWTV <sup>*</sup>	159 Geo WILD	516 Game Show Network	558 HBO Latin	588 Showtime Women	413 NBA TV	230 TBN <sup>*</sup>	517 HBO Latin	589 Showtime Women	589 Showtime Women	590 CBS Sports Pacific	590 CBS Sports Pacific
14 KOTV-14 (UN)	KOTV-14 (UN)	230 CSN 2	271 Investigation Discovery	167 BBC World News	518 HBO Comedy	590 Showtime Women	414 NBA Network	180 NBC	519 HBO Comedy	591 HBO Zone	591 HBO Zone	592 NBA	592 NBA
15 KSN	KSN	231 CSN Bay Area	275 Biography Channel	181 NBC	520 Encore	592 NBA	415 NFL Network	182 HGTV	521 Encore	593 CBS Sports Network	593 CBS Sports Network	594 NFL Network	594 NFL Network
16 KTFY-65 (ION)	KTFY-65 (ION)	231 CSN California	275 Biography Channel	183 NBC	522 Encore Love	594 NFL Network	416 NHL/MLB Pay-Per-View	184 Cooking Channel	523 Encore Mystery	595 NFL Network	595 NFL Network	596 NFL Network	596 NFL Network
18 KSTS-38 (LMD)	KSTS-38 (LMD)	42 CSN Network*	276 HGTV	185 Cooking Channel	524 Encore Westerns	596 NFL Network	417 NHL/MLB Pay-Per-View	186 VH1	525 Encore Drama	597 NFL Network	597 NFL Network	598 NFL Network	598 NFL Network
19 KTNC-42 (Estrella)	KTNC-42 (Estrella)	43 MTV	276 HGTV	187 E! Entertainment	526 Encore Drama	598 NFL Network	418 NHL/MLB Pay-Per-View	188 VH1	527 On (Do It Yourself)!	599 NFL Network	599 NFL Network	600 Fox Movie Channel	600 Fox Movie Channel
20 KSFN-66 (TF)	KSFN-66 (TF)	44 YH	277 CSI Plus/Jewelry TV	189 VH1	528 On (Do It Yourself)!	601 Retirement Living TV	419 NHL/Movie Channel	190 Lifetime	529 Encore Action	602 Hallmark	602 Hallmark	603 Lifetime	603 Lifetime
23 QVC	QVC	45 Spike TV*	278 E! Entertainment	191 Lifetime	530 Encore Action	604 LWN	420 Lifetime	192 Lifetime	531 Encore Family	605 Hallmark	605 Hallmark	606 E! TVs	606 E! TVs
25 KTLA-58 (IND)	KTLA-58 (IND)	46 Lifetime*	279 Investigation Discovery	193 Lifetime	532 Encore Family	606 Hallmark	421 NBC	194 Lifetime	533 Encore Family	607 minn2	607 minn2	608 NBC	608 NBC
26 Public Access	Public Access	47 A&E*	280 OWN (Oprah Winfrey Network)	195 Lifetime	534 Starz	608 NBC	422 NBC	196 SYT	535 OWN (Oprah Winfrey Network)	609 NBC	609 NBC	610 NBC	610 NBC
27 Leased Access	Leased Access	48 Bravo	281 Discovery Fit and Health	197 SYT	536 Starz & places	611 NBC	423 NBC	220 Discovery Fit and Health	537 Starz & places	612 NBC	612 NBC	613 NBC	613 NBC
29 Discovery Channel	Discovery Channel	49 AMC*	282 E! Entertainment	198 SYT	538 Starz & places	613 NBC	424 NBC	221 E! Entertainment	539 Starz & places	614 NBC	614 NBC	615 NBC	615 NBC
33 WGN	WGN	50 TLC	283 Hallogen	199 SYT	540 Starz & places	615 NBC	425 NBC	222 Hallogen	541 Starz & places	616 NBC	616 NBC	617 NBC	617 NBC
34 Food Network <sup>*</sup>	Food Network <sup>*</sup>	51 Animal Planet*	284 Dastra TV	200 SYT	542 Starz & places	618 NBC	426 NBC	223 Dastra TV	543 Starz & places	619 NBC	619 NBC	620 NBC	620 NBC
35 TBS	TBS	52 ABC Family Channel*	285 Ovation TV	201 SYT	544 Starz & places	621 NBC	427 NBC	224 Ovation TV	545 Starz & places	622 NBC	622 NBC	623 NBC	623 NBC
36 FX	FX	53 Nickelodeon <sup>*</sup>	286 SciFi	202 SYT	546 Starz & places	623 NBC	428 NBC	225 SciFi	547 Starz & places	624 NBC	624 NBC	625 NBC	625 NBC
37 TNT	TNT	54 Cartoon Network*	287 National Geographic <sup>*</sup>	203 SYT	548 Starz & places	625 NBC	429 NBC	226 National Geographic <sup>*</sup>	549 Starz & places	626 NBC	626 NBC	627 NBC	627 NBC
38 ESPN	ESPN	55 Disney Channel*	288 The Military Channel	204 SYT	550 Starz & places	627 NBC	430 NBC	227 The Military Channel	551 Starz & places	628 NBC	628 NBC	629 NBC	629 NBC
39 ESPN 2	ESPN	56 Disney Channel*	289 Planet Green	205 SYT	552 Starz & places	629 NBC	431 NBC	228 Planet Green	553 Starz & places	630 NBC	630 NBC	631 NBC	631 NBC
40 CSN	CSN	57 CNN Headline News*	290 Africa Channel	206 SYT	554 Starz & places	631 NBC	432 NBC	229 Africa Channel	555 Starz & places	632 NBC	632 NBC	633 NBC	633 NBC
41 CSN California	CSN California	58 CNBC	291 Fox News Channel*	207 SYT	556 Starz & places	633 NBC	433 NBC	230 Fox News Channel	557 Starz & places	634 NBC	634 NBC	635 NBC	635 NBC
42 USA Network*	USA Network*	59 Fox News Channel*	292 History Channel	208 SYT	558 Starz & places	635 NBC	434 NBC	231 History Channel	559 Starz & places	636 NBC	636 NBC	637 NBC	637 NBC
43 MTV	MTV	60 MSNBC	293 History Channel <sup>*</sup>	209 SYT	560 Starz & places	637 NBC	435 NBC	232 History Channel <sup>*</sup>	561 Starz & places	638 NBC	638 NBC	639 NBC	639 NBC
44 VH1	VH1	61 TV Guide Channel	294 History Channel <sup>*</sup>	210 SYT	562 Starz & places	639 NBC	436 NBC	233 History Channel <sup>*</sup>	563 Starz & places	640 NBC	640 NBC	641 NBC	641 NBC
45 Spike TV*	Spike TV*	62 TV Guide Channel	295 Travel Channel	211 SYT	564 Starz & places	641 NBC	437 NBC	234 Travel Channel	565 Starz & places	642 NBC	642 NBC	643 NBC	643 NBC
46 Lifetime*	Lifetime*	63 Comedy Central*	296 Travel Channel	212 SYT	566 Starz & places	643 NBC	438 NBC	235 Travel Channel	567 Starz & places	644 NBC	644 NBC	645 NBC	645 NBC
47 A&E*	A&E*	64 El*	297 Travel Channel	213 SYT	568 Starz & places	645 NBC	439 NBC	236 Travel Channel	569 Starz & places	646 NBC	646 NBC	647 NBC	647 NBC
48 Bravo	Bravo	65 History Channel*	298 Travel Channel	214 SYT	570 Starz & places	647 NBC	440 NBC	237 Travel Channel	571 Starz & places	648 NBC	648 NBC	649 NBC	649 NBC
49 AMC*	AMC*	66 Hallmark Channel*	299 Travel Channel	215 SYT	572 Starz & places	649 NBC	441 NBC	238 Hallmark Channel*	573 Starz & places	650 NBC	650 NBC	651 NBC	651 NBC
50 TLC	TLC	67 HGTV <sup>*</sup>	300 Travel Channel	216 SYT	574 Starz & places	651 NBC	442 NBC	239 HGTV	575 Starz & places	652 NBC	652 NBC	653 NBC	653 NBC
51 Animal Planet*	Animal Planet*	68 Syfy	301 Travel Channel	217 SYT	576 Starz & places	653 NBC	443 NBC	240 Syfy	577 Starz & places	654 NBC	654 NBC	655 NBC	655 NBC
52 ABC Family Channel*	ABC Family Channel*	69 Galavision	302 Travel Channel	218 SYT	578 Starz & places	655 NBC	444 NBC	241 Galavision	579 Starz & places	656 NBC	656 NBC	657 NBC	657 NBC
53 Nickelodeon <sup>*</sup>	Nickelodeon <sup>*</sup>	70 Travel Channel	303 Travel Channel	219 SYT	580 Starz & places	657 NBC	445 NBC	242 Travel Channel	581 Starz & places	658 NBC	658 NBC	659 NBC	659 NBC
54 Disney Channel*	Disney Channel*	71 Travel Channel	304 Travel Channel	220 SYT	582 Starz & places	659 NBC	446 NBC	243 Travel Channel	583 Starz & places	660 NBC	660 NBC	661 NBC	661 NBC
55 Disney Channel*	Disney Channel*	72 Travel Channel	305 Travel Channel	221 SYT	584 Starz & places	661 NBC	447 NBC	244 Travel Channel	585 Starz & places	662 NBC	662 NBC	663 NBC	663 NBC
56 CNN Headline News*	CNN Headline News*	73 Oxygen	306 Travel Channel	222 SYT	586 Starz & places	663 NBC	448 NBC	245 Oxygen	587 Starz & places	664 NBC	664 NBC	665 NBC	665 NBC
57 CNN Headline News*	CNN Headline News*	74 CMT	307 Travel Channel	223 SYT	588 Starz & places	665 NBC	449 NBC	246 CMT	589 Starz & places	666 NBC	666 NBC	667 NBC	667 NBC
58 CNBC	CNBC	75 CMT	308 Travel Channel	224 SYT	590 Starz & places	667 NBC	450 NBC	247 CMT	591 Starz & places	668 NBC	668 NBC	669 NBC	669 NBC
59 Fox News Channel*	Fox News Channel*	76 CMT	309 Travel Channel	225 SYT	592 Starz & places	669 NBC	451 NBC	248 CMT	593 Starz & places	670 NBC	670 NBC	671 NBC	671 NBC
60 MSNBC	MSNBC	77 CMT	310 Travel Channel	226 SYT	594 Starz & places	671 NBC	452 NBC	249 CMT	595 Starz & places	672 NBC	672 NBC	673 NBC	673 NBC
61 The Weather Channel*	The Weather Channel*	78 CMT	311 Travel Channel	227 SYT	596 Starz & places	673 NBC	453 NBC	250 The Weather Channel*	597 Starz & places	674 NBC	674 NBC	675 NBC	675 NBC
72 KION-5 (PBS)	KION-5 (PBS)	79 CMT	312 Travel Channel	228 SYT	598 Starz & places	675 NBC	454 NBC	251 CMT	599 Starz & places	676 NBC	676 NBC	677 NBC	677 NBC
73 KTFB-13 (PBS)	KTFB-13 (PBS)	80 CMT	313 Travel Channel	229 SYT	600 Starz & places	677 NBC	455 NBC	252 CMT	601 Starz & places	678 NBC	678 NBC	679 NBC	679 NBC
74 KTFB-TV	KTFB-TV	81 CMT	314 Travel Channel	230 SYT	602 Starz & places	679 NBC	456 NBC	253 CMT	603 Starz & places	680 NBC	680 NBC	681 NBC	681 NBC
75 KTFB-TV	KTFB-TV	82 CMT	315 Travel Channel	231 SYT	604 Starz & places	681 NBC	457 NBC	254 CMT	605 Starz & places	682 NBC	682 NBC	683 NBC	683 NBC
76 KTFB-TV	KTFB-TV	83 CMT	316 Travel Channel	232 SYT	606 Starz & places	683 NBC	458 NBC	255 CMT	607 Starz & places	684 NBC	684 NBC	685 NBC	685 NBC
77 KTFB-TV	KTFB-TV	84 CMT	317 Travel Channel	233 SYT	608 Starz & places	685 NBC	459 NBC	256 CMT	609 Starz & places	686 NBC	686 NBC	687 NBC	687 NBC
78 KTFB-TV	KTFB-TV	85 CMT	318 Travel Channel	234 SYT	610 Starz & places	687 NBC	460 NBC	257 CMT	611 Starz & places	688 NBC	688 NBC	689 NBC	689 NBC
79 KTFB-TV	KTFB-TV	86 CMT	319 Travel Channel	235 SYT	612 Starz & places	689 NBC	461 NBC	258 CMT	613 Starz & places	690 NBC	690 NBC	691 NBC	691 NBC
80 KTFB-TV	KTFB-TV	87 CMT	320 Travel Channel	236 SYT	614 Starz & places	691 NBC	462 NBC	259 CMT	615 Starz & places	692 NBC	692 NBC	693 NBC	693 NBC
81 KTFB-TV	KTFB-TV	88 CMT	321 Travel Channel	237 SYT	616 Starz & places	693 NBC	463 NBC	260 CMT	617 Starz & places	694 NBC	694 NBC	695 NBC	695 NBC
82 KTFB-TV	KTFB-TV	89 CMT	322 Travel Channel	238 SYT	618 Starz & places	695 NBC	464 NBC	261 CMT	619 Starz & places	696 NBC	696 NBC	697 NBC	697 NBC
83 KTFB-TV	KTFB-TV	90 CMT	323 Travel Channel	239 SYT	620 Starz & places	697 NBC	465 NBC	262 CMT	621 Starz & places	698 NBC	698 NBC	699 NBC	699 NBC
84 KTFB-TV	KTFB-TV	91 CMT	324 Travel Channel	240 SYT	622 Starz & places	699 NBC	466 NBC	263 CMT	623 Starz & places	700 NBC	700 NBC	701 NBC	701 NBC
85 KTFB-TV	KTFB-TV	92 CMT	325 Travel Channel	241 SYT	624 Starz & places	701 NBC	467 NBC	264 CMT	625 Starz & places	702 NBC	702 NBC	703 NBC	703 NBC
86 KTFB-TV	KTFB-TV	93 CMT	326 Travel Channel	242 SYT	626 Starz & places	703 NBC	468 NBC	265 CMT	627 Starz & places	704 NBC	704 NBC	705 NBC	705 NBC
87 KTFB-TV	KTFB-TV	94 CMT	327 Travel Channel	243 SYT	628 Starz & places	705 NBC	469 NBC	266 CMT	629 Starz & places	706 NBC	706 NBC	707 NBC	707 NBC
88 KTFB-TV	KTFB-TV	95 CMT	328 Travel Channel	244 SYT	630 Starz & places	707 NBC	470 NBC	267 CMT	631 Starz & places	708 NBC	708 NBC	709 NBC	709 NBC
89 KTFB-TV	KTFB-TV	96 CMT	329 Travel Channel	245 SYT	632 Starz & places	709 NBC	471 NBC	268 CMT	633 Starz & places	710 NBC	710 NBC	711 NBC	711 NBC
90 KTFB-TV	KTFB-TV	97 CMT	330 Travel Channel	246 SYT	634 Starz & places	711 NBC	472 NBC	269 CMT	635 Starz & places	712 NBC	712 NBC	713 NBC	713 NBC
91 KTFB-TV	KTFB-TV	98 CMT	331 Travel Channel	247 SYT	636 Starz & places	713 NBC	473 NBC	270 CMT	637 Starz & places	714 NBC	714 NBC	715 NBC	715 NBC
92 KTFB-TV	KTFB-TV	99 CMT	332 Travel Channel	248 SYT	638 Starz & places	715 NBC	474 NBC	271 CMT	639 Starz & places	716 NBC	716 NBC	717 NBC	717 NBC
93 KTFB-TV	KTFB-TV	100 CMT	333 Travel Channel	249 SYT	640 Starz & places	717 NBC	475 NBC	272 CMT	641 Starz & places	718 NBC	718 NBC	719 NBC	719 NBC
94 KTFB-TV	KTFB-TV	101 CMT	334 Travel Channel	250 SYT	642 Starz & places	719 NBC	476 NBC	273 CMT	643 Starz & places	720 NBC	720 NBC	721 NBC	721 NBC
95 KTFB-TV	KTFB-TV	102 CMT	335 Travel Channel	251 SYT	644 Starz & places	721 NBC	477 NBC	274 CMT	645 Starz & places	722 NBC	722 NBC</td		

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Digital IEM Services

<b>Limited Basic</b>	782 MTV HD	901 Hit List	960 KOED Public	
are individually priced. See Pricing card for details.	702 KTUHD [FOX] 703 KTVHD [NBC] 704 KHON HD [MY] 705 KPKHD [CBS] 706 KETU HD [ABC] 707 KSD HD [ABC] 709 KUEHD [PBS] 711 KPCW HD [CIN] 712 KBCW HD [CW] 713 KOFHD [UNI] 714 KOTV HD [UNI] 715 KGO LiveHD [HD] 716 KESHD [ET] 717 KSMHD [PBS] 718 KTS HD [T/MD] 722 KRCG HD [PBS] 725 WGN HD	783 Palladio HD 787 msnbc HD 793 Hallmark HD 795 Lifetime HD 796 Hip-Hop Classics 797 Throwback Jamz 798 R&B Classics 811 HSN HD 812 QVC HD <b>Preferred Package ▲</b> 726 ESPNplus HD 727 NBA TV HD 728 NHL Network HD 729 MBL Network HD 914 Rock 915 Metal 916 Alternative 917 Classic Alternative 918 Adult Alternative 919 Soft Rock 920 Pop/Hits 921 90's 922 80's 923 70's 924 CBS Sports Network HD 925 Science HD 926 National Geographic HD 927 Fox Business Network HD 928 Disney XD HD 929 IFC HD 930 Nickelodeon HD 931 VH1 HD 932 CMT HD 933 Versus HD 934 ESPN HD 935 ESPN 2 HD 936 Bravo HD 937 AXE HD 938 TBS HD 939 Syfy HD 940 TNT HD 938 USA HD 939 Universal HD 941 FX - West HD 942 Spike HD 943 Spike HD 944 G4 HD 945 Comedy Central HD 946 BET HD 947 FOOD Network HD 948 Food Network HD 949 NFL HD 950 Discovery Channel HD	902 Hip-Hop and R&B 903 MC Mixtape 904 Dance/Electronica 905 Rap 906 Hip-Hop Classics 907 KUE Smooth Jazz 908 KPAF/Berkeley 909 KAUT Contemporary 910 Gospel 911 Reggae 912 Classic Rock 913 Retro Rock 914 Rock 915 Metal 916 Alternative 917 Classic Alternative 918 Adult Alternative 919 Soft Rock 920 Pop/Hits 921 90's 922 80's 923 70's 924 CBS Sports Network HD 925 Science HD 926 National Geographic HD 927 Fox Business Network HD 928 Disney XD HD 929 IFC HD 930 Nickelodeon HD 931 VH1 HD 932 CMT HD 933 Versus HD 934 ESPN HD 935 ESPN 2 HD 936 Bravo HD 937 AXE HD 938 TBS HD 939 Syfy HD 940 TNT HD 938 USA HD 939 Universal HD 941 FX - West HD 942 Spike HD 943 Spike HD 944 G4 HD 945 Comedy Central HD 946 BET HD 947 FOOD Network HD 948 Food Network HD 949 NFL HD 950 Discovery Channel HD	961 KRBG Public 962 KSAN Jazz 963 KJSD Spanish 964 KREV 97 The Revolution 965 KBZT Spanish 966 KJZY Smooth Jazz 967 KPAF/Berkeley 968 KAUT Contemporary 969 KSYL Hip Hop 970 KRTY Country 971 KENW SportsRadio 95.7 972 KAUT Contemporary 973 KLCC Hot AC 974 KJUN Urban Contemporary 975 KUXP Classic Rock 976 KSOL Spanish 977 KMVO Moving 99.7 978 KZST Adult Contemporary 979 KBIG Spanish 980 KJOU Hot AC 981 KQDC Classical 982 KUSN Smooth Jazz 983 KFEG Album Alternative 985 KMIA The New Mix 986 KITS Alternative 987 KMLP Hip Hop 988 KEZR Hot AC 989 KSAN Classic Rock
<b>International Premium Networks</b>	717 Band International (Brazilian) 800 RTB (Portuguese) 815 Antenna Satellite (Greek) 815 Deutsche Welle (German) 817 TVMONDE (French) 819 Rai Italia (Italian) 824 RTV (Russia) 825 Channel One Russia (Russian) 830 TV Japan (Japanese) 831 SBT (Vietnamese) 836 Zee TV (South Asian) 837 TV Asia (South Asian) 838 SET Asia (SING) (South Asian) 839 NEO Cricket (South Asian) 840 STAR Indian PLUS (South Asian) 841 STAR Indian NEWS (South Asian) 842 STAR ONE (South Asian) 843 STAR India 50 (South Asian) 844 WJAY (South Asian/Tamil) 844 CTV Zhengzhou Tian Channel (Chinese/Mandarin) 845 CTN-TV (Chinese/Mandarin) 846 PhoenixInfo News (Chinese/Mandarin) 847 Phoenix (Chinese/Mandarin) 848 Phoenix (North America) (Chinese/Mandarin) 849 ETTV-Super Channel (Chinese/Mandarin) 850 TV Jade (Chinese/Cantonese)	784 Hallmark Movie Channel HD 794 Lifetime HD 795 Lifetime HD 796 Hip-Hop Classics 797 Throwback Jamz 798 R&B Classics 811 HSN HD 812 QVC HD <b>Starter Package ▲</b> 720 CBN Bay Area HD 721 CBN California HD 723 Versus HD 724 ESPN HD 725 ESPN 2 HD 726 Bravo HD 727 AXE HD 728 TBS HD 729 Syfy HD 730 TNT HD 731 FX - West HD 732 Outdoor Channel HD 733 ESPNU HD 734 COMEDY HD 735 AXS HD 736 FOX HD 737 NBC HD 738 USA HD 739 Universal HD 740 FX - West HD 741 Spike HD 742 Spike HD 743 Spike HD 744 G4 HD 745 Comedy Central HD 746 BET HD 747 FOOD Network HD 748 Food Network HD 749 NFL HD 750 Discovery Channel HD	966 KJZY Smooth Jazz 967 KPAF/Berkeley 968 KAUT Contemporary 969 KSYL Hip Hop 970 KRTY Country 971 KENW SportsRadio 95.7 972 KAUT Contemporary 973 KLCC Hot AC 974 KJUN Urban Contemporary 975 KUXP Classic Rock 976 KSOL Spanish 977 KMVO Moving 99.7 978 KZST Adult Contemporary 979 KBIG Spanish 980 KJOU Hot AC 981 KQDC Classical 982 KUSN Smooth Jazz 983 KFEG Album Alternative 985 KMIA The New Mix 986 KITS Alternative 987 KMLP Hip Hop 988 KEZR Hot AC 989 KSAN Classic Rock	
<b>Entertainment</b>	749 ETTV-Super Channel (Chinese/Mandarin) 750 TV Jade (Chinese/Cantonese)	928 Toddler Tunes, 929 Today's Country 930 Sports Entertainment ▲ 931 Classic Country 932 Contemporary Christian 933 Sounds of the Season 934 SoundsScapes 935 Strength Jazz 936 Blues 937 Jazz 938 Singers & Swing 939 Easy Listening	970 WE: Woman's Entertainment HD 971 EW: Entertainment HD 972 MGM HD 973 Encore HD 974 Sports 975 Entertainment ▲ 976 ESPNplus HD 977 NBTV HD 978 MBL Network HD 979 MBL Network HD 980 NBL Network HD 981 NBL Network HD 982 NBL Network HD 983 NBL Network HD 984 NBL Network HD 985 NBL Network HD 986 NBL Network HD 987 NBL Network HD 988 NBL Network HD 989 NBL Network HD	

High Definition

Music Choices

901	Hit List	902	Hip-Hop and R&B
902	MTV HD	903	MC Mix Tape
903	Palatina HD	904	Dance Electronica
904	Instinct HD	905	Hip-Hop Classics
905	Hallmark HD	907	Throwback Jamz
906	Mark my Movie Channel HD	908	R&B Classics
907	Iftinette HD	909	R&B Soul
908	MLN HD	910	Gospel
909	99% ANC HD	911	Reggae
910	HN HD	912	Classic Rock
911	CVC HD	913	Retro Rock
912	ESPN News HD	914	Rock
913	NBA TV HD	915	Metal
914	NHL Network HD	916	Alternative
915	MLB Network HD	917	Classic Alternative
916	NFL Network HD	918	Adult Alternative
917	CBS Sports Network HD	919	Soft Rock
918	All One HD	920	Pop Hits
919	Science HD	921	90's
920	National Geographic HD	922	80's
921	Fox Business Network HD	923	70's
922	Disney XD HD	924	Solid Gold Oldies:
923	HD Net	925	Party Favorites
924	Planet Green HD	926	Stage & Screen
925	JET	927	Kidz Only!
926	770	928	Toddler Tunes
927	775	929	Today's Country
928	Outdoor Channel HD	930	True Country
929	ESPN U HD	931	Classic Country
930	TCM HD	932	Contemporary Christian
931	HD	933	Sounds of the Season
932	WE Woman's Entertainment HD	934	Landscapes
933	TV HD	935	Smooth Jazz
934	MLB Network HD	936	Jazz
935	NFL Network HD	937	Blu斯 & Swing
936	Speed HD	938	East Listening
937	ESPN HD	939	Entertainment HD
938	Sports Network HD		
939	HLN HD		

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The Starter Package is required to view these channels  
The Preferred Package is required to view these channels  
The Sports & Entertainment Package is required to view these channels

You must subscribe to the individual premium service and a Digital Converter or a Digital Package that includes the premium service in order to receive the multiplexes of the same channel.

**22** The Starter Package is required to view these channels  
**23** The Preferred Package is required to view these channels  
**24** The Sports & Entertainment Package is required to view these channels

View options & limitations at [www.tivo.com](#). A digital cable box is required to view these channels.

770 Pay-Per-View

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# REDACTED - FOR NOTICE

## Sports Entertainment ♦

KTVU-2 (FOX)	110 C-SPAN 3	534 Starz
KNTV-11 (NBC)	119 Showtime	536 Starz Edge
KRON-4 (MTV)	120 Nick Jr.	537 Starz in Black
KPIX-5 (CBS)	128 Bloomberg	538 Starz Cinema
KICU-36 (IND)	136 G4	539 Starz Kids & Family
KGO-7 (ABC)	149 MoviePlex	540 Starz Comedy
KTSF-26 (IND)	162 BBC America	541 Starz Country
KQED-9 (PBS)	164 ShowABC	550 HBO - East
HSN	166 FEATNet (VOD)	551 HBO - West
KBCW-44 (CW)	168 Liquidation Channel	553 HBO2
KOFY-20 (IND)	175 TNT	582 Showtime Extreme
KOTV-14 (IND)	183 ESPN	583 Showtime Next
C-SPAN	187 EWTN *	584 Showtime Family
KKPK-65 (ION)	190 CSN Bay Area	585 Showtime Women
KSTS-48 (TLM)	192 USA Network *	586 Flik
KTCG-42 (Estrella)	195 MTV	591 HBO Latino
KFSF-66 (TF)	200 Spike TV *	593 HBO Connoisseur
QVC	204 BET *	595 HBO Zone
KTLN-68 (IND)	205 NFL Network	606 Tr3s
Publix Access	206 Lifetime *	607 mun2
Educational Access	207 A&E *	618 Gal TV
Discovery Channel	208 Bravo	619 NFL RedZone
AMC *	209 TLC	620 Fox Movie Channel
WGN	210 Animal Planet *	621 Nick Too
Limited Basic - Digital Channels *+ X	211 Nickelodeon *	622 OWN ( Oprah Winfrey Network )
KCSM-50 (PBS)	212 Disney Channel *	623 Nick Jr.
KRCB-50 (PBS)	213 CNN Headline News *	624 Investigation Discovery
KEMO Azteca	214 Leased Access Network	625 Biography Channel
KTSE-Viet Today	215 Compact Hometown Network	626 History Channel *
California Channel	216 California Channel	627 Travel Channel
C-SPAN 2	217 C-SPAN 2	628 Food Network
KTVU Universal Sports	218 Jewelry TV	629 TLC
KQED Latv	219 KOMS Sino	630 CBS Sports Network
KTSF Kids	220 KTSF Viet Today	631 NHL Network
KTSF ICN	221 KTSF ICN	632 ESPN U
KTVU Universal Sports	222 KTVU Universal Sports	633 Quotient Channel
KQED Latv	223 KTSF Viet Today	634 CMT Pure Country
KQED Encore	224 KTSF ICN	635 MLB Network
KQED World	225 KTSF ICN	636 VH1
KQED Vme	226 KTSF ICN	637 VH1 Classic
KUED Kids	227 KTSF ICN	638 Centric
KUED Vme	228 KTSF ICN	639 FUSE
KUED Create	229 KTSF ICN	640 TV Land
KRCG-5 (WBZ)	230 TBN *	641 Oxygen
KTSF Create	231 Investigation Discovery	642 CMT
KTSF Create	232 Biography Channel	643 TV One
KTSF Create	233 CNN Headline News *	644 GAC
KTSF Create	234 Investigation Discovery	645 The Weather Channel *
KTSF Create	235 Biography Channel	646 HGTV
KTSF Create	236 CNN Headline News *	647 Travel Channel
KTSF Create	237 Investigation Discovery	648 TV Land
KTSF Create	238 Investigation Discovery	649 Oxygen
KTSF Create	239 Investigation Discovery	650 CMT
KTSF Create	240 Investigation Discovery	651 Versus
KTSF Create	241 Investigation Discovery	652 Golf Channel
KTSF Create	242 Investigation Discovery	653 Golf

## Premier

KTSF Create	243 Investigation Discovery	654 Starz
KTSF Create	244 Investigation Discovery	655 Starz Edge
KTSF Create	245 Investigation Discovery	656 Starz Cinema
KTSF Create	246 Investigation Discovery	657 Starz Kids & Family
KTSF Create	247 Investigation Discovery	658 Starz Comedy
KTSF Create	248 Investigation Discovery	659 Starz Country
KTSF Create	249 Investigation Discovery	660 Starz Family
KTSF Create	250 Investigation Discovery	661 Starz Latin
KTSF Create	251 Investigation Discovery	662 Starz Music
KTSF Create	252 Investigation Discovery	663 Starz Reality
KTSF Create	253 Investigation Discovery	664 Starz Sci-Fi
KTSF Create	254 Investigation Discovery	665 Starz Superhero
KTSF Create	255 Investigation Discovery	666 Starz Thriller
KTSF Create	256 Investigation Discovery	667 Starz Western
KTSF Create	257 Investigation Discovery	668 Showtime 100
KTSF Create	258 Investigation Discovery	669 Showtime Extreme
KTSF Create	259 Investigation Discovery	670 Showtime Next
KTSF Create	260 Investigation Discovery	671 Showtime Sports
KTSF Create	261 Investigation Discovery	672 Showtime Sports Central
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KTSF Create	487 Investigation Discovery	898 Showtime Sports
KTSF Create	488 Investigation Discovery	899 Showtime Sports
KTSF Create	489 Investigation Discovery	900 Showtime Sports

## Sports Entertainment ♦

KTSF Create	901 Fox Soccer Channel	561 Cinemax - West
KTSF Create	902 ESPNews	562 Cinemax - East
KTSF Create	903 Big TEN	563 ActionMax
KTSF Create	904 ESPN Classics	564 ActionMax
KTSF Create	905 Sundance Channel	565 ThrillerMax
KTSF Create	906 IndiePlex	566 ThrillerMax
KTSF Create	907 RetroPlex	567 ThrillerMax
KTSF Create	908 TLC	568 Showtime Too
KTSF Create	909 IFC	569 Showcase
KTSF Create	910 Disney XD	570 Showtime Extreme
KTSF Create	911 Logo	





**REDACTED - FOR PUBLIC NOTICE**

**EXHIBIT 4**

## AT&T U-verse Channel Lineup

ZIP code: 95425 Change | As of: April 02, 2012

Show only:

Print

Search by channel names

Compare Packages

U450

U300

U200

U-family

U-basic

Ex.: CNN, Cartoon, ESPN [\(?\)](#) Reset

Clear comparisons

**U200 TV Package** \$72/mo.

View premium add-on channels [\(?\)](#)

### Compare TV Packages

Create your own side-by-side comparison.

Select to Compare

up to 270 channels

Sort by: Channel Name | Channel #

Clear filters

### Filter by Category

Favorites [\(?\)](#)

HD

Movies

Sports

News

Local

Educational

### Filter by Premium Package

Movie Pkgs.

Sports Pkgs.

International Pkgs.

KTVU-2 (FOX)	2	KNTV-11 (NBC)	3	KRON-4 (MY NETWORK TV)	4
KPIX-5 (CBS)	5	KICU-36 (IND)	6	KGO-7 (ABC)	7
KTSF-26 (IND)	8	KQED-9 (PBS)	9	Home Shopping Network (HSN)	10
KDTV-14 (UNI)	13	QVC	14	KFSF-66 (TF)	19
KOFY-20 (IND)	20	KRCB-22 (PBS)	22	KTLN-68 (Total Living Network)	25
KMTP-32 (IND)	32	As Seen On TV	37	KCNS-38 (Ind)	38
KTNC-42 (Estrella)	42	KCSM-43 (PBS)	43	KBCW-44 (THE CW)	44
KSTS-48 (TEL)	48	KQEH-54 (PBS)	54	KKPX-65 (ION)	65
Valu TV	82	AT&T U-verse Shopping 1	84	U-verse Message Channel	93
AT&T U-verse Front Row	100	TNT (Turner Network Television)	108	TNT (Turner Network Television) - West	109
TBS	112	TBS - West	113	Discovery Channel - West	121
USA Network - West	125	FX Network - West	129	A&E - West	132
E! Entertainment Television - West	135	TV Land - West	139	Comedy Central - West	141
Spike TV - West	146	G4	149	Syfy - West	152
Chiller	153	BET (Black Entertainment Television) - West	156	TV One	157
cloo	161	Crime & Investigation Network	163	truTV	164
truTV - West	165	OWN - Oprah Winfrey Network - West	170	GSN - Game Show Network	173
ABC Family Channel - West	179	WGN America	180	Bravo - West	182
LOGO - West	184	BBC America	188	mun2 - West	193
nuvoTV	194	COMPRA	196	Jewelry Television	197
AT&T U-verse Shopping 4	198	AT&T U-verse Movies	200	CNN (Cable News Network)	202
CNN Headline News	203	FOX News Channel	210	Fox Business Network	211
MSNBC	215	CNBC	216	Bloomberg Television	222
The Weather Channel	225	BUY TV	228	C-SPAN	230
C-SPAN2	231	C-SPAN3	232	ABC News Now	243
BuyIt2	247	TLC-West	251	Animal Planet - West	253
Travel Channel - West	255	History - West	256	H2	257
Science	258	Military Channel	259	National Geographic Channel	265
Nat Geo WILD	266	BIO	272	Military History Channel	276
Disney Channel - West	303	Disney XD - West	305	Nickelodeon - West	315
Nick2	316	Nicktoons	318	Nick Jr.	320
TeenNick	322	Cartoon Network	325	Cartoon Network - West	326
Boomerang	327	The Hub	335	Smile of a Child TV	340
Lifetime Television - West	361	LMN	362	SOAPnet - West	366

IvMall	367	Oxygen	368	WE-West	373
Style Network	380	AT&T U-verse Shopping 3	399	Customer Notification	400
QVC	420	Home Shopping Network (HSN)	422	ShopNBC	424
Jewelry Television	428	AT&T U-verse Shopping 4	429	Horne & Garden Television (HGTV) - West	451
Food Network - West	453	DIY Network (Do-It-Yourself Network)	454	Cooking Channel	456
Wealth TV	470	IvMall	471	SWRV	501
MTV (Music Television) - West	503	MTV2 - West	505	MTV Hits	509
VH1 - West	519	VH1 Classic - West	521	CMT (Country Music Television) - West	526
Great American Country (GAC)	529	fuse	535	FUEL TV	536
TBN - Trinity Broadcasting Network	560	Eternal Word Television Network (EWTN)	562	Daystar	563
INSP (Inspiration Network)	564	The Church Channel	565	FamilyNet	566
BYU	567	JCTV	570	The Word Network	575
World Harvest Television	578	FAITH	580	AT&T U-verse Sports	600
ESPN	602	ESPN Classic	603	ESPNEWS	604
ESPN2	605	ESPN2	608	KPIX-5 (CBS)	611
ESPN	613	Amen Corner Live	614	15th & 16th Live	615
Featured Group 1	616	Featured Group 2	617	Masters In-Depth	618
NFL Network	630	NBC Sports Network	640	Golf Channel	641
BTN	650	Speed Channel	652	Fox Soccer	654
Sports Alternate 1	691	Sports Alternate 2	692	Sports Alternate 3	693
Sports Alternate 4	694	Sports Alternate 5	695	Sports Alternate 6	696
Sports Alternate 7	697	Sports Alternate 8	698	Comcast SportsNet California	767
Comcast SportsNet California Alternate	768	Comcast SportsNet Bay Area	770	Comcast SportsNet Bay Area	771
Plus					
WGN America	781	Baseball 1	783	Baseball 3	785
Baseball 4	786	Baseball 5	787	Baseball 6	788
Turner Classic Movies (TCM)	790	AMC - West	796	IFC	797
Sundance Channel	798	U-verse Showcase	800	AT&T U-verse Movies	945
AT&T U-verse Movies	960	Customer Notification	962	AT&T U-verse Sports	963
U-verse Showcase	964	Customer Notification	1100	AT&T U-verse Movies	1200
Jewelry Television	1428	AT&T U-verse Sports	1600	U-verse Showcase	1800
Customer Notification	2500	KDTV-14 (UNI)	3002	Galavision - West	3004
KFSF-66 (TF)	3005	KSTS-48 (TEL)	3007	mun2 - West	3010
COMPRA	3014	EWTN Espanol	3077	Golden Boy Presenta	3312
CCTV-9	3602	SWRV	5100	MC Hit List	5101
MC Hip-Hop and R&B	5102	MC MixTape	5103	MC Dance-Electronica	5104
MC Rap	5105	MC Hip-Hop Classics	5106	MC Throwback Jamz	5107
MC R&B Classics	5108	MC R&B Soul	5109	MC Gospel	5110
MC Reggae	5111	MC Classic Rock	5112	MC Retro Rock	5113
MC Rock	5114	MC Metal	5115	MC Alternative	5116
MC Classic Alternative	5117	MC Adult Alternative	5118	MC Soft Rock	5119
MC Pop Hits	5120	MC 90s	5121	MC 80s	5122
MC 70s	5123	MC Solid Gold Oldies	5124	MC Party Favorites	5125
MC Stage & Screen	5126	MC Kidz Only!	5127	MC Toddler Tunes	5128

MC Todays Country	5129	MC True Country	5130	MC Classic Country	5131
MC Contemporary Christian	5132	MC Sounds of the Seasons	5133	MC Soundscapes	5134
MC Smooth Jazz	5135	MC Jazz	5136	MC Blues	5137
MC Singers & Swing	5138	MC Easy Listening	5139	MC Classical Masterpieces	5140
MC Light Classical	5141	MC Musica Urbana	5142	MC Pop Latino	5143
MC Tropicales	5144	MC Mexicana	5145	MC Romances	5146
Live Multiview Alternate 1	9211	Live Multiview Alternate 2	9212	Live Multiview Alternate 3	9213
Live Multiview Alternate 4	9214	Live Multiview Alternate 5	9215	Live Multiview Alternate 6	9216

U-verse Message Channel 9920

## Premium Add-on Channels

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Cinemax On Demand HD	0	HBO On Demand HD	0	Cinemax On Demand	0
TMC On Demand	0	HBO On Demand	0	AT&T U-verse Buzz	300
qubo	328	Tr3s - West	507	Sportsman Channel	642
CBS Sports Network	643	Fox College Sports - Atlantic	647	Fox College Sports - Central	648
Fox College Sports - Pacific	649	FOX Deportes	655	GoTV	656
The Tennis Channel	660	TVG Network	670	HRTV	672
Outdoor Channel	680	YES Network	702	SportsNet New York	704
SportsTime Ohio	735	HBO (Home Box Office)	802	HBO (Home Box Office) - West	803
HBO2	804	HBO2 - West	805	HBO Family	806
HBO Family - West	807	HBO Signature	808	HBO Signature - West	809
HBO Comedy	810	HBO Comedy - West	811	HBO Zone	812
HBO Zone - West	813	HBO Latino	814	HBO Latino - West	815
Cinemax	832	Cinemax - West	833	MoreMAX	834
MoreMAX - West	835	ActionMAX	836	ActionMAX - West	837
ThrillerMAX	838	ThrillerMAX - West	839	5StarMAX	840
WMAX	842	OuterMAX	844	ATMAX	846
Showtime	852	Showtime - West	853	Showtime Too	854
Showtime Too - West	855	Showtime Showcase	856	Showtime Showcase - West	857
Showtime Extreme	858	Showtime Extreme - West	859	Showtime Beyond	860
Showtime Family Zone	862	Showtime Next	864	Showtime Women	866
The Movie Channel (TMC)	882	The Movie Channel (TMC) - West	883	TMC Xtra	884
				TMC Xtra - West	885
FLIX	890	Starz	902	Starz - West	903
Starz Edge	904	Starz inBlack	906	Starz Cinema	908
Starz Comedy	910	Starz Kids & Family	912	IndiePlex	914
RetroPlex	916	Encore	932	Encore - West	933
Encore Love	934	Encore Suspense	936	Encore Action	938
Encore Westerns	940	Encore Drama	942	Encore Espanol	943
Encore Family	944	AT&T U-verse Buzz	961	AT&T U-verse Buzz	1000
KTVU-HD-2 (FOX)	1002	KNTV-HD-11 (NBC)	1003	KRON-HD-4 (MY NETWORK TV)	1004
KPIX-HD-5 (CBS)	1005	KICU-HD-36 (IND)	1006	KGO-HD-7 (ABC)	1007
KQED-HD-9 (PBS)	1009	HSN HD	1010	KDTV-HD-14 (UNI)	1013
QVC HD	1014	KFSF-HD-66 (TF)	1019	KOFY-HD-20 (IND)	1020
KRCB-HD-22 (PBS)	1022	KCSM-HD-43 (PBS)	1043	KBCW-HD-44 (THE CW)	1044
KSTS-HD-48 (TEL)	1048	KKPX-HD-65 (ION)	1065	Velocity HD	1102
Universal HD	1104	HDNet	1105	HDNet Movies	1106
TNT HD	1108	TNT HD - West	1109	TBS HD	1112
TBS HD - West	1113	MGM HD	1116	Smithsonian Channel HD	1118
Discovery Channel HD	1120	USA Network HD	1124	FX Network HD - West	1129
A&E HD	1132	E! Entertainment HD	1134	TV Land HD - West	1139
Comedy Central - West HD	1141	Spike TV - West HD	1146	G4 HD	1149
Syfy HD	1151	BET (Black Entertainment Television) HD	1155	TV One HD	1157
				Crime & Investigation HD	1163
truTV HD	1164	OWN - Oprah Winfrey Network HD	1170	ABC Family Channel HD - West	1179
WGN America HD	1180	Bravo HD	1181	CNN HD	1202
CNN Headline News HD	1203	Fox News Channel HD	1210	Fox Business Network HD	1211
msnbc HD	1215	CNBC HD	1216	The Weather Channel HD	1225
TLC HD	1250	Animal Planet HD	1252	Travel Channel HD	1254
History HD	1256	H2 HD	1257	Science HD	1258

**EXHIBIT 5**

**REDACTED**



**Derek Dickinson**  
*General Attorney*

AT&T Services, Inc.  
Whitacre Tower  
208 S. Akard Street, Rm 2916  
Dallas, TX 75202

T: 214.757.3369  
F: 214.746.2212  
derek.dickinson@att.com

January 23, 2012

Brian Hurh  
Davis Wright Tremaine LLP  
1919 Pennsylvania Ave., NW  
Suite 800  
Washington, DC 20006-3402  
(fax) 202-973-4499  
brianhurh@dwt.com

**Re: Comcast Request for AT&T Data for Effective Competition Filing**

Dear Mr. Hurh:

This letter is in response to your January 13, 2012, request on behalf of Comcast Cable Communications, L.L.C. ("Comcast") for information from AT&T under Section 76.907(c) of the FCC's rules, in particular, to demonstrate "effective competition" for certain communities in the state of California.

As we discussed previously, AT&T is providing this information to you and your law firm ("DWT") as outside counsel representing Comcast with the understanding that, if any communities qualify for effective competition using the AT&T subscriber figures, DWT will disclose the total competing provider subscriber count to Comcast (that is, AT&T data plus data available from other providers, such as DBS providers), such that Comcast will not be able to determine AT&T's subscriber counts. Moreover, you have indicated that if a petition for effective competition is filed with the FCC, DWT will submit AT&T's subscriber figures confidentially.

With that understanding, here is the data:

**REDACTED**

**REDACTED - FOR PUBLIC NOTICE**

January 23, 2012  
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Cotati  
AT&T U-verse TV subscribers:

**REDACTED**

**REDACTED - FOR PUBLIC NOTICE**

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Petaluma  
AT&T U-verse TV subscribers:

**REDACTED**

**REDACTED - FOR PUBLIC NOTICE**

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Rohnert Park  
AT&T U-verse TV subscribers:

Santa Rosa  
AT&T U-verse TV subscribers:

**REDACTED**

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Brian Hurh Letter  
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Sebastopol  
AT&T U-verse TV subscribers:

**REDACTED**

**REDACTED - FOR PUBLIC NOTICE**

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Brian Hurh Letter  
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Windsor  
AT&T U-verse TV subscribers:

Just to be clear, the subscriber counts above are as of December 31, 2011.

Please feel free to call me at 214-7575-3369 (office) or 210-508-4247 (mobile) if you have any questions.

Very truly yours,



Derek Dickinson

**REDACTED**

**REDACTED - FOR PUBLIC NOTICE**

**EXHIBIT 6**



Jan 12, 2012

Davis Wright Tremaine LLP  
1919 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, DC 20006

To Whom It May Concern:

Media Business Corporation ("MediaBiz") utilizes a multi-step process to accurately identify cable client franchise areas and associated ZIP and ZIP+4 Codes. (A ZIP+4 Code includes the five digits of the United States Postal Service ZIP Code, a hyphen, and four more digits that determine a more precise location than the ZIP Code.)

MediaBiz developed this methodology to address the potential shortcomings in utilizing 5-digit ZIP Code data for "Effective Competition" petitions. This basic methodology has been in place for several years and has been used successfully in many Effective Competition cases at the FCC.

Because ZIP Codes and municipal boundaries are created and managed by different government authorities, the boundaries of ZIP Codes and municipal boundaries often overlap. ZIP Codes frequently span between and beyond municipal boundaries. ZIP+4 Codes, however, usually reside in one and only one municipality. MediaBiz uses Place, Minor Civil Division (MCD), and County boundaries from Dynamap®, a division of Pitney Bowes Business Insight, to determine municipal boundaries. MediaBiz uses the Dynamap® ZIP+4 Centroids database, which contains ZIP+4 centroid correspondence for virtually all deliverable ZIP+4s, to identify ZIP+4 Codes within municipal boundaries, among the over 60 million ZIP+4s in all 50 states, DC, and Puerto Rico, based on current data from the USPS and the U.S. Bureau of the Census, and the Tele Atlas master street database.

MediaBiz then utilizes its ZIP+4 Code mapping to enable our clients to obtain proper "Direct-to-Home" (DTH) subscriber counts for their respective franchise areas by tracking DTH subscribers at the ZIP+4 Code level. (Where MediaBiz determines that a ZIP Code falls entirely within a franchise area, however, it is unnecessary to identify DTH subscribers at the ZIP+4 Code level for that 5-digit ZIP Code. In these instances, MediaBiz identifies such 5-digit ZIP Codes and, accordingly, DTH subscribers are identified by the 5-digit ZIP Code only.)

Only ZIP+4 Codes that meet specific criteria are included in this report. The following criteria must be met:

- The centroid of the ZIP+4 Code is within the franchise area; and
- The USPS ZIP+4 Record Type (from Dynamap® ZIP+4 Centroids) is either H - high-rise or S - street

Our methodology has been used by many multiple system operators (MSOs) as part of their Effective Competition relief efforts, and we believe this methodology produces the most accurate and detailed view of ZIP+4 data as it relates to cable franchise areas.

  
Robert Lehmann  
President

MediaBiz

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**EXHIBIT 8**



H1

**OCCUPANCY STATUS****Universe: Housing units****2010 Census Redistricting Data (Public Law 94-171) Summary File**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Cloverdale city, California	
Total:	3,427
Occupied	3,182
Vacant	245

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

**OCCUPANCY STATUS****Universe: Housing units****2010 Census Redistricting Data (Public Law 94-171) Summary File**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

	Cotati city, California
Total:	3,143
Occupied	2,978
Vacant	165

Source: U.S. Census Bureau, 2010 Census.

 U.S. Census Bureau

H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Healdsburg city, California	
Total:	4,794
Occupied	4,378
Vacant	416

Source: U.S. Census Bureau, 2010 Census.



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Petaluma city, California	
Total:	22,736
Occupied	21,737
Vacant	999

Source: U.S. Census Bureau, 2010 Census.



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Rohnert Park city, California	
Total:	16,551
Occupied	15,808
Vacant	743

Source: U.S. Census Bureau, 2010 Census.



H1

**OCCUPANCY STATUS****Universe: Housing units****2010 Census Redistricting Data (Public Law 94-171) Summary File**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

<b>Santa Rosa city, California</b>	
Total:	67,396
Occupied	63,590
Vacant	3,806

Source: U.S. Census Bureau, 2010 Census.

## U.S. Census Bureau



H1

## OCCUPANCY STATUS

Universe: Housing units

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Sebastopol city, California	
Total:	3,465
Occupied	3,276
Vacant	189

Source: U.S. Census Bureau, 2010 Census.

# U.S. Census Bureau



H1

**OCCUPANCY STATUS****Universe: Housing units****2010 Census Redistricting Data (Public Law 94-171) Summary File**

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see  
<http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

	<b>Windsor town, California</b>
Total:	9,549
Occupied	8,970
Vacant	579

Source: U.S. Census Bureau, 2010 Census.

**EXHIBIT 9**

**REDACTED**

**REDACTED - FOR PUBLIC NOTICE**

	A	B	C	D	E	F
1	Community	State	Total DBS Subscribers	AT&T Subscribers	2010 Census Occupied Housing Units	% of DBS Penetration In Franchise Area Column C + Column D / Column E
2	CLOVERDALE	CA	1,052		3,182	33.06%
3	COTATI	CA			2,978	26.60%
4	HEALDSBURG	CA	964		4,378	22.02%
5	PETALUMA	CA			21,737	28.02%
6	ROHNERT PARK	CA			15,808	29.19%
7	SANTA ROSA	CA			63,590	35.94%
8	SEBASTOPOL	CA			3,276	22.86%
9	WINDSOR	CA			8,970	36.34%

**CERTIFICATE OF SERVICE**

I, Deborah D. Williams, do hereby certify on this 13<sup>th</sup> day of April, 2012 that a true and correct copy of the foregoing "Petition for Special Relief" has been sent via U.S. mail, postage prepaid to the following:

Ms. Nina Regor  
City Manager  
PO Box 217  
124 North Cloverdale Blvd  
Cloverdale, CA 95425

Ms. Marjie Pettus  
Assistant City Manager  
401 Grove Street  
Healdsburg, CA 95448

Mr. Gabriel Gonzalez  
City Manager  
City of Rohnert Park  
130 Avram Avenue  
Rohnert Park, CA 94928

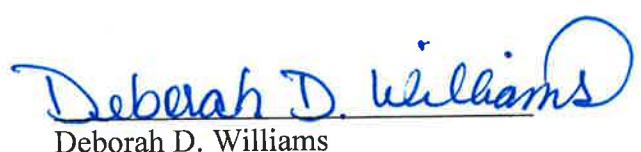
Mr. Jack Griffin  
City Manager  
City of Sebastopol  
PO Box 1776  
7120 Bodega Avenue  
Sebastopol, CA 95473

Ms. Diana Thompson  
City Manager  
City of Cotati  
201 West Sierra Avenue  
Cotati, CA 94931

Mr. John Brown  
City Manager  
City of Petaluma  
11 English Street  
Petaluma, CA 94953

Mr. Eric McHenry  
Chief Technology Officer  
90 Santa Rosa Avenue  
Santa Rosa, CA 95404

Mr. David Kelley  
Interim Assistant Town Manager  
PO Box 100  
9291 Old Redwood Highway  
Windsor, CA 95492

  
Deborah D. Williams  
Deborah D. Williams